

Product Information

MemDX™ Membrane Protein Human UBR4 (Ubiquitin protein ligase E3 component n-recognin 4) Full Length

Cat. No.: **MPC3974K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human UBR4 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

UBR4

Protein Length

Full length

Protein Class

Transferase

TMD

2

Sequence

MATSGGEEAAAAAPAGTPATGADTTPGWEVAVRPLLSASYSASFEMKELP
QLVASVIESESEILHHEKQYEPFYSSFVALSTHYITTVCSLIPRNQLQSV
AAACKVLIEFSLRLLENPDEACAVSQKHLILLIKGLCTGCSRLDRTEIT
FTAMMKSAKLPQTVKTLSDVEDQKELASPVSPELRQKEVQMNFLNQLTSV
FNPRTVASQPISTQTLVEGENDEQSSTDQASAIKTKNVFIAQNVASLQEL
GGSEKLLRVCLNLPYFLRYINRFQDAVLANSFFIMPATVADATAVRNGFH
SLVIDVTMALDTLSPVLEPLNPSRLQDVTVLSSLCLYAGVSVATCMAIL
HVGSAQQVRTGSTSSKEDDYESDAATIVQKCLEIYDMIGQAISSSRRAGG
EHYQNFQLLGAWCLLNSLFLILNLSPTALADKGKEKDPLAALRVRDILSR
TKEGVGSPKLGPGKGHGQFGVLSVILANHAIKLLTSLFQDLQVEALHKGW
ETDGPPAALSIMAQSTSIQRIQRLIDSVPLMNLLLTLLSTSYRKACVLQR
QRKGSMSDASASTDSNTYYEDDFSSTEEDSSQDDDSEPILGQWFEETIS
PSKEKAAPPPPPPPPLESSPRVKSPSKQAPGEKGNILASRKDPELFLGL
ASNILNFITSSMLNSRNNFIRNYLSVSLSEHHMATLASIIKEVDKDKLKG
SSDEEFAAALYHFNHSLVTSDDLQSPNLQNTLLQQLGVAPFSEGPWPLYIH
PQSLSVLSRLLLIWQHKAQAQGDPDVPECLKVWDRFLSTMKNALQGVPV
SETEDLNVEHLQMLLLIFHNFTETGRRAILSLFVQIIQELSVNMDAQMR
VPLILARLLIFDYLLHQYSKAPVYLFEQVQHNLSPFPGWASGSQDSNS
RRATTPLYHGFKEVEENWSKHFSSDAVPHPRFYCVLSPEASEDDLNRDLS
VACDVLFSKLVKYDELYAALTALLAAGSQLDTRVRKENKNVTALEACALQ
YYFLILWRILGILPPSKTYINQLSMNSPEMSECDILHTLRWSSRLRISSY
VNWIKDHLIKQGMKAEHASSLLELASTTKCSSVKYDVEIVEEYFARQISS

FCSIDCTTILQLHEIPSLQSIYTLDA AISKVQVSLDEHFSKMAAETDPHK
SSEITKNLLPATLQLIDTYASFTRAYLLQNFNEEGTTEKPSKEKLQGFAA
VLAIGSSRCKANTLGP TLVQNL PSSVQTVCESWNNINTNEFPNIGSWRNA
FANDTIPSESYISAVQAAHLGTLCSQSLPLAASLKHTLLSLVRLTGDLIV
WSDENMPQVIRTLLPLLESSTESVAEISSNSLERILGPAESDEFARV
YEKLITGCYNILANHADPN SGLDESILEECLQYLEKQLESSQARKAMEEF
FSDSGELVQIMMATANENLSAKFCNRVLKFFTKLFQLTEKSPNPSLLHLC
GSLAQLACVEPVRLQAWLTRMTTSPKDSQQLDVIQENRQLLQLLTTYIV
RENSQVGEGVCAVLLGTLTPMATEMLANGDGTGFPELMVVMATLASAGQG
AGHLQLHNAAVDWLSRCKKYL SQKNVVEKLNANVMHGKHMILECTCHIM
SYLADVTNALSQSNGQGPSHLSVDGEERAIEVDSWVEELAVEEEDSQAE
DSDEDSLCNKLCTFTITQKEFMNQHWYHCHTCKMVDGVGVCTVCAKVCHK
DHEISYAKYGSFFCDGAKEDGSCALVKRTPSSGMSSTMKESAFQSEPR
ISESLVRHASTSSPADKAKVTISDGKVADEEKPKKSSLCRTVEGCREELQ
NQANFSFAPLVLDMLNFLMDAIQTNFQQASAVGSSSRAQQALSELHTVEK
AVEMTDQLMVPTLGSQEGAFENVRMNYSGDQGQTIRQLISAHVLR RVAMC
VLSSPHGRRQHLAVSHEKGKITVLQLSALLKQADSSKRKLT LTRLASAPV
PFTVLSLTGNPCKEDYLAVCGLKDC HVLTFSSSGSVSDHLVLHPQLATGN
FIIKAVWLPGSQTELAIVTADFVKIYDLCDALSP TFYFLLPSSKIRDVT
FLFNEEGKNIIIVIMSSAGYIYTLMEEASSAQGGPFYVTNVLEINHEDLK
DSNSQVAGGGVSVYYSHVLQMLFFSYCQGKSFAATISRTTLEVLQLFPIN
IKSSNGGSKTSPALCQWSEVMNHPGLVCCVQQTGVPLVVMVKPDTFLIQ
EIKTLPAKAKIQDMVAIRHTACNEQQR TTMILLCEDGSLRIYMANVENTS
YWLQPSLQPSVISIMKPVKRKKTATITTRTSSQVTFPIDFFEHNQQLTD
VEFGNDLLQVYNAQKIHRLNSTGMYVANTKPGGFTIEISNNNSTMVM T
GMRIQIGTQAIERAPSYIEIFGR TMQLNLSRSRWFDPFPTREEALQADKK
LNLFIGASVDPAGVTMIDAVKIYGKTK EQFGWPDEPPEEFPSASVSNICP
SNLNQSNGTGDSDSAAPT TTS GTVLERLVSSLEALESCFAVGPIIEKER
NKNAAQELATLLL SLPAPASVQQQSKSLLASLHTRSAYHSHKDQALLSK
AVQCLNTSSKEGKDLDPEVFQRLVITARSIAIMRPNNLVHFTESKLPQME
TEGMDEGKEPQKQLEGDCCSFITQLVNHFWKLHASKPKNAFLAPACLPGL
THIEATVNALVDIIHGYCTCELD CINTASKIYMQMLLCPDPAVSFSCKQA
LIRVLRPRNKR RHVTL PSSPRSNTPMGDKDDDDDDADEKMQSSGIPNGG
HIRQESQEQSEVDHGD FEMVSESMVLETAENVNNGNPSPLEALLAGAE GF
PPMLDIPPDADDETMVELAIALSLQQDQQGSSSSALGLQSLGLSGQAPSS
SSLDAGTLDSTTASAPASDDEGSTAATDGSTLR TSPADHGGSVGSESGGS
AVDSVAGEHSVSGRSSAYGDATAEGHPAGPGSVSSSTGAISTTTGHQEGD
GSEGEGETEGEDVHTSNRLHMVRLMLLERLLQTLPQLRNVGGVRAIPYM
QVILMLTTLDDGEDKDKGALDNLLS QLIAELGMDKKDVSCKNERSALNE
VHLVVMRLLSVFMSRTKSGSKSSICESSSLISSATAAALLSSGAVDYCLH
VLKSLEYWKSQQNDEEPVATSQLLKPHTTSSPPDMSPFFLRQYVKGHAA
DVFEAYTQLLTEMVLR LPYQIKKITDTNSRIPPPVFDHSWFYFLSEYLM I
QQTPFVRRQVRKLLL FICGSKEKYRQLRDLHTLD SHVRGIKKLLEE QGIF
LRASVVTASSGSALQYDTLISLMEHLKACAEIAAQRTINWQKFCIKDDSV
LYFLLQVSFLVDEGVSPVLLQLLSCALCGSKVLAALAASSGSSSASSSSA
PVAASSGQATTQSKSSTKSKSKEEKEKEKDGETSGSQEDQLCTALVNQLN
KFADKETLIQFLR CFLLESNSSSVRWQAHCLTLHIYRNSSKSQQE LLLDL
MWSIWPELPAYGRKAAQFVDLLGYFSLKTPQTEKKLKEYSQKAVEILRTQ
NHILTNPNSNIYNTLSGLVEFDGYYLESDPCLVCNNPEVPFCYIKLSSI
KVDTRYTTTQQVVKLIGSHTISKVTVKIGDLKRTKMVRTINLYYNNRTVQ
AIVELKNKPARWHKAKKVQLTPGQTEVKIDLPLPIVASNL MIEFADFYEN
YQASTETLQCPRCSASVPANPGVCGNCGENVYQCHKCRSINYDEKDPFLC
NACGFCKYARFDFMLYAKPCCA VDP IENEEDRKKAVSNINTLLDKADRVY
HQLMGHRPQLENLLCKVNEAAPEKPD DSGTAGGISSTSASVNRYILQLA
QEYCGDCKNSFDELSKIIQKVFASRKELLEYDLQQREAA TKSSRTSVQPT
FTASQYRALSVLGCGHTSSTKCYGCASAVTEHCITLLRALATNPALRHIL
VSQGLIRELFDYNLRRGAAAMREEVRQLMCLLTRDNPEATQQMNDLIIGK
VSTALKGHWANPDLASSLQYEMLLL TDSISKEDSCWELRLRCALSLFLMA
VNIKTPVVVENITLMCLRI LQKLIKPPAPT SKKNKDVPEALTTVKPYCN
EIIHAQAQLWLKRDPKASYDAWKKCLPIRGIDGNGKAPSKSELRHLYLTEK
YVWRWKQFLSRRGKRTSPLDLKLGHNNWLRQVLF TPATQAARQAACTIVE
ALATIPSRKQQVLDLLTSYLDEL SIAGECAA EYLALYQKLITSAHWKVYL
AARGVLPYVGNLITKEIARLLALEEATLSTD LQQGYALKSLTGLLSSFVE
VESIKRHFKSRLVGTVLNGYLCLRLKLVVQR TKLIDETQDM LLEMTT
GTESETKAFMAVCIETAKRYNLD DYRTPVFIFERLCSIIYPEENEVTEFF
VTLEKDPQQEDFLQGRMPGNPYSSNEPGIGPLMRDIKNKICQDCDLVALL

EDDSGMELLVNNKIISLDLPVAEVYKKVWCTTNEGEPMRIVYRMGRLLGD
ATEEFIESLDSTTDEEEDEEEVYKMAGVMAQCGLLECMLNRLAGIRDFKQ
GRHLLTVLLKLFSYCVKVKVNRQQLVKLEMNTLNVMGLTNLALVAEQES
KDSGGA AVAEQVLSIMEIILDESNAEPLSEDKGNLLLTGDKDQLVMLLDQ
INSTFVRSNPSVLQGLLRIPYLSFGEVEKMQLVERFKPYCNFDKYDED
HSGDDKVFLDCFCIAAGIKNNSNGHQLKDLILQKGITQNALDYMKKHIP
SAKNLDADIWKKFLSRPALPFILRLLRGLAIQHPTQVLIGTDSIPNLHK
LEQVSSDEGIGTLAENLLEALREHPDVNKKIDAARRETRAEEKRMAMAMR
QKALGTLGMTTNEKGQVVTKTALLKQMEELIEEPGLTCCICREGYKFQPT
KVLGIYFTKRVALEEMENKPRKQQGYSTVSHFNIVHYDCHLA AVLARG
REEWESAALQNANTKCNGLLPVWGPVPE SAFATCLARHNTYLQECTGQR
EPTYQLNIHDIKLLFLRFAMEQSFSADTGGGGRESNIHLIPYIIHTVLYV
LNTTRATSREEKNLQGFLEQPKEKWVESAFEVDGPYYFTVLALHILPPEQ
WRATRVEILRLLVTSQARAVAPGGATRLTDKAVKDYSAYRSSLLFWALV
DLIYNMFKKVPTSNTGGWSCSLAEYIRHNDMPIYEADKALKTFQEEFM
PVETFSEFLDVAGLLSEITDPESFLKDLLNSVP

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

UBR4

Full Name

Ubiquitin protein ligase E3 component n-recognin 4

Introduction

The protein encoded by this gene is an E3 ubiquitin-protein ligase that interacts with the retinoblastoma-associated protein in the nucleus and with calcium-bound calmodulin in the cytoplasm. The encoded protein appears to be a cytoskeletal component in the cytoplasm and part of the chromatin scaffold in the nucleus. In addition, this protein is a target of the human papillomavirus type 16 E7 oncoprotein.

Alternative Names

UBR4; p600; ZUBR1; RBAF600; E3 ubiquitin-protein ligase UBR4; N-recognin-4; RING-type E3 ubiquitin transferase UBR4; retinoblastoma-associated factor 600-like protein; retinoblastoma-associated factor of 600 kDa; zinc finger UBR1-type protein 1; Ubiquitin protein ligase E3 component n-recognin 4

Gene ID

[23352](#)

UniProt ID

[Q5T4S7](#)