

Product Information

MemDX™ Membrane Protein Human TENM4 (Teneurin transmembrane protein 4) Full

Length

Cat. No.: **MPC1705K**

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

This product is a 307.9 kDa Human TENM4 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

TENM4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

307.9 kDa

TMD

1

Sequence

MDVKERKPYRSLTRRRDAERRYTSSSADSEEGKAPQKSYSSSETLKAYDQ
DARLAYGSRVKDIVPQEAEEFCRTGANFTLRELGLEEVTPPHGTLYRTDI
GLPHCGYSMGAGSDADMEADTVLSPEHPVRLWGRSTRSGRSSLSSRANS
NLTLTDEHENTETDHPGGLQNHARLRTPPPPLSHAHTPNQHHAASINSL
NRGNFTPRSNPSPAPTDHSLSGEPPAGGAQEPAAHAQENWLLNSNIPLETR
NLGKQPFLGTLQDNLIEDILGASRHDGAYSDGHFLFKPGGTSPLFCTTS
PGYPLTSSSTVYSPPPRPLPRSTFARPAFNLKKPSKYCNWKAALSAIVIS
ATLVILLAYFVAMHLFGLNWLQPMEGQMYEITEDTASSWPVPTDVSLYP
SGGTGLETPDRKGKGTTEGKPSFFPEDSFIDSGEIDVGRRASQKIPPGT
FWRSQVFIDHPVHLKFNVSLGKAALVGIYGRKGLPPSHTQDFVELLDGR
RLLTQEARSLGTPRQSRGTVPPSSHETGFIQYLDSGIWHLAFYNDGKES
EVVSFLTТАIESVDNCPSNCYGNNGDCISGTCHCFLGFLGPDGGRASCPVL
CSGNGQYMKGRCLCHSGWKGAECDVPTNQCIDVACSNHGTCITGTCICNP
GYKGESCEEVD CMDPTCSGRGVCVRGECHCSVGWGGTNCETPRATCLDQC
SGHGTFLPDTGLCSCDPSWTGHDCSIEICAADCGGHGVCVGGTCRCEDGW
MGAACDQRACHPRCAEHGTCRDGKCECSPGWNGEHCTIAHYLDRVVKEGC
PGLCNGNGRCTLDLNGWHCVQCQLGWRGAGCDTSMETACGDSKDNDGDGLV
DCMDPDCCQLPLCHINPLCLGSPNPLDIIQETQVPVSQQNLHSFYDRIKF
LVGRDSTHIIPGENPFDGGHACVIRGQVMTSDGTPLVGVNISFVNNPLFG

YTISRQDGSDLVNTGGISILRFERAPFITQEHTLWLPWDRFFVMEII
MRHEENEIPSCDLSNFARPNPVVSPSPLTSFASSCAEKGPIVPEIQALQE
EISISGCKMRLSYLSSRTPGYKSVLRISLTHPTIPFNLKVMVAVEGR
LFRKWFAAAPDLSYYFIWDKTDVYNQKVFGLEAFVSVGYEYESCPDLIL
WEKRTTVLQGYEIDASKLGGWSLDKHHALNIQSGILHKNGENQFVSQQP
PVIGSIMGNRRRSISCPSCNGLADGNKLLAPVALTCGSDGSLYVGDFNY
IRRIFPSGNVTNILELRNKDFRHSHPAHKYYLATDPMGAVFLSDSNR
RVFKIKSTVVVKDLVKNSEVVAGTGDQCLPFDDTRCGDGGKATEATLTNP
RGITVDKFGLIYFVDGTMIRRIDQNGIISTLLGSNDLTSARPLSCDSVMD
ISQVHLEWPTDLAINPMDNSLYVLDNNVVLQISENHQVRIVAGRPMHCQV
PGIDHFLLSKVAIHATLESATALAVSHNGVLIAETDEKKINRIRQVTT
GEISLVAGAPSGCDCKNDANCDGSGDDGYAKDAKLNTPSSLAVCADGEL
YVADLGNIRIRFIRKNKPFLNTQNMIELSSPIDQELYLFDTTGKHLYTQS
LPTGDYLYNFTYTGDGDLITDNNNGNMVNVRDSTGMPLWLVPDQGVY
WVTMGTSNALKSVTTQGHELAMMTYHGNSGLLATKSNENGWTTTFEYDSF
GRLTNVTFTPGQVSSFRSDTDSSVHVQVETSSKDDVTITNLSASGAFYT
LLQDQVRNSYYIGADGSLRLLLANGMEVALQTEPHLLAGTVNPTVGKRV
TLPIDNGLNLVEWRQRKEQARGQTVFGRRLRVHNRNLLSLDFDRVTRTE
KIYDDHRKFTLRILYDQAGRPSLWSPSSRLNGVNVITYSPGGYIAGIQRGI
MSERMEYDQAGRITSRIFADGKTWSYTYLEKSMVLLLHSQRQYIFEFDKN
DRLSSVTMPNVARQTLETIRSVGYRNIYQPPEGNASVIQDFTEDGHLLH
TFYLTGTRRVIYKYGKLSKLAETLYDTTKVSFTYDETAGMLKTINLQNEG
FTCTIRYRQIGPLIDRQIFRFTTEGMVNARFDYNYDNSFRVTSMAVINE
TPLPIDLYRYDDVSGKTEQFGKFGVIYYDINQIITAVMTHTKHFDAYGR
MKEVQYEIFRSLMYWMTVQYDNMGRVVKELKVGYPYANTTRYSEYDADG
QLQTVSINDKPLWRYSYDLNGNLHLLSPGNSARLTPLRYDIRDRITRLGD
VQYKMDDEDGFLRQRGGDIFEYNSAGLLIKAYNRAGSWSVRYRYDGLGRRV
SSKSSHSHHLQFFYADLTNPTKVTHLYNHSSSEITSLYYDLQGHLFAMEL
SSGDEFYIACDNIGTPLAVFSGTGLMIKQILYTAYGEIYMDTNPNFQIII
GYHGGLYDPLTKLVHMGRRDYDVLGRWTSPDHELWKHLSSSNVMPFNLY
MFKNNNPISNSQDIKCFMTDVNSWLLTFGFQLHNVIPGYPKPDMAMEPS
YELIHTQMKTQEWDNSKSILGVQCEVQKQLKAFVTLERFDQLYGSTITSC
QQAPKTKKFASSGSVFGKGKVFALKDGRVTTDIISVANEDGRRVAAILNH
AHYLENLHFTIDGVDTHYFVKPGPSEGLAILGLSGGRRTLENGVNVTVS
QINTVLNGRTRRYTDIQLQYGALCLNTRYGTTLDEEKARVLELARQRAVR
QAWAREQQRLREGEEGLRAWTEGEKQQVLSTGRVQGYDGGFFVISVEQYPE
LSDSANNIHFMRQSEMGR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TENM4

Full Name

Teneurin transmembrane protein 4

Introduction

The protein encoded by this gene plays a role in establishing proper neuronal connectivity during development. Defects in this gene have been associated with hereditary essential tremor-5.

Alternative Names

TENM4; Doc4; ETM5; ODZ4; TEN4; TNM4; ten-4; Ten-M4; teneurin-4; odz, odd Oz/ten-m homolog 4; protein Odd Oz/ten-m homolog 4; tenascin-M4; Teneurin transmembrane protein 4

Gene ID

[26011](#)

UniProt ID

[Q6N022](#)