

Product Information

MemDX™ Membrane Protein Human IGF1R (Insulin like growth factor 1 receptor) Full

Length

Cat. No.: **MPC1935K**

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

This product is a 154.7 kDa Human IGF1R 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

IGF1R

Protein Length

Full length

Protein Class

Transferase

Molecular Weight

154.7 kDa

TMD

1

Sequence

MKSGSGGGSPSTLWGLLFLSAALSLWPTSGEICGPGIDIRNDYQQLKRLE
NCTVIEGYLHILLISKAEDYRSYRFPKLTVITEYLLLFRVAGLES LGDLF
PNLTVIRGWKLFYNYALVIFEMTNLKDIGLYNLRNITRGAIRIEKNADLC
YLSTVDWSLILDVSNNYIVGNKPPKECGDLCPGTMECKPMCEKTTINNE
YNYRCWTTNRCQKMCPSTCGKRACTENNECCHPECLGSCSAPDNDTACVA
CRHYYYAGVCVPACPPNTYRFEGWRCVDRDFCANILSAESSDSEGFVIHD
GECMQECPSGFIRNGSQSMYCIPEGPCPKVCEEEKKTKTIDSVTSAQML
QGCTIFKGNLLINIRRGNNIAELENFMGLIEVVTGYVKIRHSHALVSL
FLKNLRLILGEEQLEGNYSFYVLDNQNQLQQLWDWDHRNLTIKAGKMYFAF
NPKLCVSEIYRMEEVTGKGRQSKGDINTRNNGERASCESDVLHFTSTTT
SKNRIITWHRYRPPDYRDLISFTVYYKEAPFKNVTEYDGQDACGSNSWN
MVDVDLPNNDVEPGILLHGLKPWTQYAVYVKAVTLTMVENDHIRGAKSE
ILYIRTNASVPSIPLDVLSSANSSQLIVKWNPPSLPNGNLSYYIVRWQR
QPQDGYLYRHNYSKDKIPIRYADGTIDIEEVTENPKTEVCGGEKGPCC
ACPKTEAEKQAEKEEAERYKVFENFLHNSIFVPRPERKRRDVMQVANTTM
SSRSRNTTAADTYNITDPEELETEYPPFFESRVDNKERTVISNLRPFTLYR
IDIHSCNHEAEKLGCSASNFFVARTMPAEGADDIPGPVTWEPRPENSIFL
KWPEPENPNGLILMYEIKYGSQVEDQRECVSRQEYRKYGGAKLNRLNPGN
YTARIQATSLSGNSWTDVPFFYVQAKTGYENFIHLIALPVAVLLIVGG

LVIMLYVFHRKRNNNSRLGNGVLYASVNPEYFSAADVVPDEWEVAREKIT
MSRELGGQSGFMVYEGVAKGVVKDEPETRVAIKTVNEAASMRERIEFLNE
ASVMKEFNCHHVVRLLGVVSQGGPTLVIMELMTRGDLKSYLRSLRPEMEN
NPVLAPPSLSKMIQMAGEIADGMAYLNANKFVHRDLAARNCMVAEDFTVK
IGDFGMTRDIYETDYRKGKGLLPVRWMSPESLKDGVTFTYSDVWSFGV
VLWEIATLAEQPYQGLSNEQVLRFMEGGLLDKPDNCPDMLFELMRMCWQ
YNPKMRPSFLEIISSEIEMEPEGFREVSYFYSEENKLPEPEELDLEPENM
ESVPLDPSASSSSLPLPDRHSGHKAENGPGPGVLVLRASFDERQPYAHMN
GGRKNERALPLPQSSTC

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 -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

IGF1R

Full Name

Insulin like growth factor 1 receptor

Introduction

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Alternative Names

IGF1R; IGFIR; CD221; IGFIR; JTK13; insulin-like growth factor 1 receptor; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; Insulin like growth factor 1 receptor

Gene ID

[3480](#)

UniProt ID

[P08069](#)