

IGF-like family receptor 1 (IGFLR1) Active Protein | IGFLR1 active protein

Recombinant Human IGF-like family receptor 1 (IGFLR1), partial (Active)

CATALOG #
AAA278921

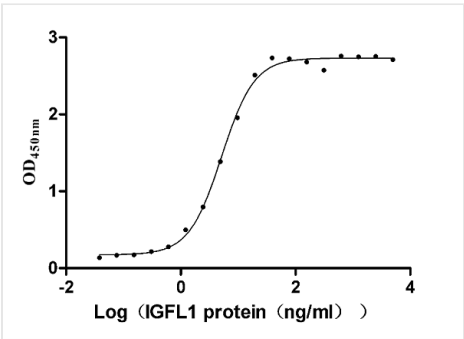
HOST
Mammalian Cell

PRODUCT SYNONYMS

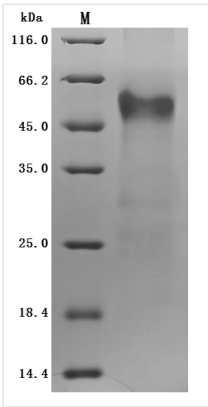
IGF-like family receptor 1 (IGFLR1); Recombinant Human IGF-like family receptor 1 (IGFLR1); partial (Active); (Transmembrane protein 149)(U2 small nuclear RNA auxiliary factor 1-like 4); IGFLR1 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-163aa, Partial
Sequence	SQYCGRLEYW NPDNKCCSSC LQRFGPPPCP DYEFRENCGL NDHGDFVTPP FRKCSSGQCN PDGAELCSPC GGGAVTPTPA AGGGRTPWRC RERPVPAKGH CPLTPGNPGA PSSQERSSPA SSIAWRTPEP VPQQAWPNFL P
Species	Homo sapiens (Human)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Relevance	Probable cell membrane receptor for the IGF-like family proteins. Binds IGFL1 and IGFL3 with a higher affinity. May also bind IGFL2.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human IGFLR1 at 2ug/mL can bind Human IGFL1, the EC50 is 4.640-5.722ng/mL.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.



Bioactivity



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for IGFLR1 active protein	Cell Biology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13375913
NCBI GeneID	79713
NCBI Accession #	NP_078936.1
NCBI GenBank Nucleotide #	NM_024660.2
UniProt Accession #	Q9H665; Q8N5X0
Molecular Weight	17,816 Da
NCBI Official Full Name	IGF-like family receptor 1
NCBI Official Synonym Full Names	IGF-like family receptor 1
NCBI Official Symbol	IGFLR1
NCBI Official Synonym Symbols	TMEM149; U2AF1L4
NCBI Protein Information	IGF-like family receptor 1; U2 small nuclear RNA auxiliary factor 1-like 4; U2(RNU2) small nuclear RNA auxiliary factor 1-like 4; transmembrane protein 149
UniProt Protein Name	IGF-like family receptor 1
UniProt Gene Name	IGFLR1
UniProt Synonym Gene Names	TMEM149; U2AF1L4
UniProt Entry Name	IGFR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.