

Nectin-4 active protein

Recombinant Mouse Nectin-4 (C-Fc)

CATALOG #
AAA177966

HOST
Human Cells

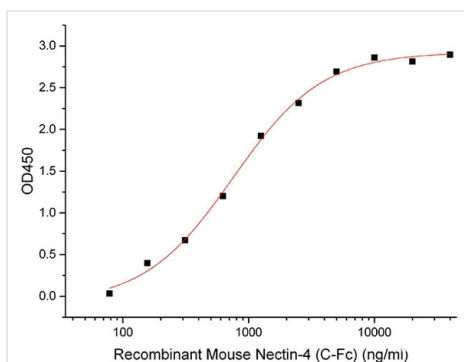
PRODUCT SYNONYMS

Nectin-4; Recombinant Mouse Nectin-4 (C-Fc); PVRL4; Ig superfamily receptor LNIR; Poliovirus receptor-related protein 4; PRR4; LNIR; Nectin-4 active protein

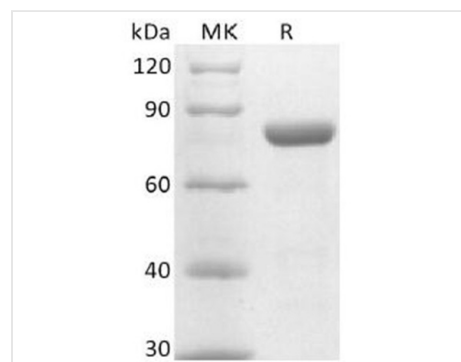
PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution of 20mM PB, 150mM NaCl, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Sequence	Gly31-Ser3 49
Species	Mouse
Tag	C-Fc
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Protein Construction	Recombinant Mouse Poliovirus Receptor-Related Protein 4 is produced by our Mammalian expression system and the target gene encoding Gly31-Ser349 is expressed with a Fc tag at the C-terminus.
Activity	Immobilized Recombinant Mouse Nectin-4 (C-6His) at 10ug/ml (100ul/well) can bind Recombinant Mouse Nectin-4 (C-Fc) . The ED50 of PKSM041375 is 0.75 ug/ml.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Nectin-4 active protein	Nectin-4(PVRL4)isatypeItransmembraneglycoproteinwhichbelongstothenectinfamilyofIgsuperfamilyproteins.ItcontainstwoIg-likeC2-typedomainsandoneIg-likeV-likeheterophilicinteractions,thelatterincludingsspecificallyinteractionswithnectin-1.Itdoesnotactasreceptorforalpha-herpesvirusentryintocells.Itispredominantlyexpressedinplacenta,theembryoandbreastcarcinoma.Butitisnotdetectedinnormalbreastepithelium.Thesolubleformispsyndactylsyndrometype 1, an autosomal recessive disorder.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170014686
NCBI GeneID	71740
NCBI Accession #	NP_001116152.1
NCBI GenBank Nucleotide #	NM_001122680.1
UniProt Accession #	Q8R007; Q3U318; Q8CED8; Q9DBP8
Molecular Weight	55,657 Da
NCBI Official Full Name	nectin-4 isoform b
NCBI Official Synonym Full Names	poliovirus receptor-related 4
NCBI Official Symbol	Pvrl4
NCBI Official Synonym Symbols	Prr4; 1200017F15Rik
NCBI Protein Information	nectin-4; nectin 4; ig superfamily receptor LNIR; poliovirus receptor-related protein 4
UniProt Protein Name	Nectin-4
UniProt Gene Name	Pvrl4
UniProt Synonym Gene Names	Lnir; Prr4
UniProt Entry Name	PVRL4_MOUSE

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.