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Datasheet for ABIN7535246

Nectin-2 Protein (NECTIN2) (Fc Tag,His tag)

Overview

Quantity:	100 µg
Target:	Nectin-2 (NECTIN2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nectin-2 protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Recombinant Human Nectin-2/PVRL2/CD112 Protein
Sequence:	QDVRVQVLPE VRGQLGGTVE LPCHLLPPVP GLYISLVTWQ RPDAPANHQN VAAFHPKMGP SFPSPKPGSE RLSFVSAKQS TGQDTEAELQ DATLALHGLT VEDEGNYTCE FATFPKGSVR GMTWLRVIAK PKNQAEAQKV TFSQDPTTVA LCISKEGRPP ARISWLSSLD WEAKETQVSG TLAGTVTVTS RFTLVPSGRA DGVTVTCKVE HESFEEPALI PVTLVRYPP EVSISGYDDN WYLGRTDRTL SCDVRSNPEP TGYDWSTTSG TFPTSAVAQG SQLVIHAVDS LFNTTFVCTV TNAVGMGRAE QVIFVRETPR ASPRDVGPL
Specificity:	Gln32-Leu360
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target: Nectin-2 (NECTIN2)

Alternative Name: Nectin-2/PVRL2/CD112 ([NECTIN2 Products](#))

Background: Description: Cluster of Differentiation 112 (CD112), also known as poliovirus receptor related protein 2 (PVRL2 or PRR2), is a single-pass type I transmembrane glycoprotein belonging to the Immunoglobulin superfamily. CD112 protein also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and thus is involved in cell to cell spreading of these viruses. CD112 protein has been identified as the ligand for DNAM-1 (CD226), and the interaction of CD226/CD112 protein can induce NK cell- and CD8+?T cell-mediated cytotoxicity and cytokine secretion. CD112 has been regarded as a critical component in allergic reactions, and accordingly may function as a novel target for anti-allergic therapy.

Name: CD112, HVEB, PRR2, PVRL2, PVRR2,NECTIN2,HVEB,PRR2,PVRL2,PVRR2,nectin-2

Gene ID: 5819

UniProt: [Q92692-2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
