

Recombinant Mouse CD112/Nectin-2 Protein (His Tag)(Active)

Catalog No. PKSM041226

Description

Synonyms	CD112;nectin2;Herpes virus entry mediator B;Herpesvirus entry mediator B;HveB;Murine herpes virus entry protein B;mHveB;Poliovirus receptor homolog;Poliovirus receptor-related protein 2;Pvr12;
Species	Mouse
Expression_host	Human Cells
Sequence	Gln32-Gly351
Accession	NP_033016.3
Mol_Mass	35.6 kDa
AP_Mol_Mass	40-45 kDa
Tag	C-6His
Bio_activity	Immobilized Human DNAM-1-Fc(Cat: PKSH033729) at 2µg/ml(100 µl/well) can bind Human Nectin-2-His.

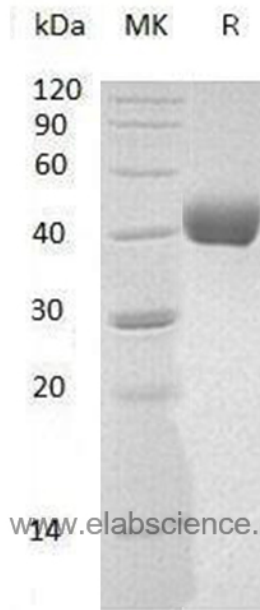
Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Nectin-2(CD112) is a member of the nectin family, which contains two Ig-like C2-type domains and one Ig-like V-type domain in the extracellular region. Nectins are type I transmembrane glycoproteins that are calcium-independent immunoglobulin (Ig)-like cell adhesion molecules (CAMs). Nectin2 is widely expressed in human tissues including brain, spinal cord, spleen, kidney, heart and liver. It can form trans-heterodimers with PVRL3/nectin-3 and interacts with CD226. Mutations of alleles of the murine CD112 gene can result in conditions such as morphologically aberrant spermatozoa. It may function in allergic reactions, and accordingly may used as a novel target for anti-allergic therapy.

SDS-PAGE



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