

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

Catalog Number:PKSM040739



Note: Centrifuge before opening to ensure complete recovery of vial contents.

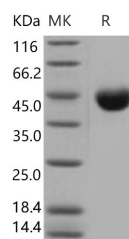
Description

Synonyms	AI325026 Protein;AI987993 Protein;Cd112 Protein;MPH Protein;nectin-2 Protein;Pvr Protein;Pvs Protein
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Met 1-Gly 351
Accession	NP_033016.3
Calculated Molecular Weight	36.0 kDa
Observed molecular weight	40-45 kDa
Tag	C-His
Bioactivity	1. Immobilized mouse CD112-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse DNAM1-His with a linear range of 0.156-5.0 µg/ml. 2. Immobilized mouse CD112-His at 10 µg/ml (100 µl/well) can bind mouse DNAM1-Fc with a linear range of 0.03-1.0 µg/ml.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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 sterile PBS, pH 7.4 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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 98 % as determined by reducing SDS-PAGE.

Background

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

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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

Catalog Number:PKSM040739



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.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Tel: 1-832-243-6086

Fax: 1-832-243-6017

Web: www.elabscience.com

Email: techsupport@elabscience.com