9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

37-1034: Human CD112 / Nectin-2 / PVRL2 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity : Human
Alternative Name : CD112 Protein, HVEB Protein, Nectin-2 Protein, PRR2 Protein, PVRR2 Protein,

Description

Source : HEK293 Cells
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.

Product Info

Amount :	2 / PVRL2 Recombinant Protein (Fc Tag)(Discontinued) / 100 µg
Purification :	> 95 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-Leu360

Application Note

Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD112 at 20 µg/ml (100 µL/well) can bind biotinylated DNAM1 with a linear range of 0.078-5 µg/ml.
Endotoxin :< 1.0 EU per µg of the protein as determined by the LAL method

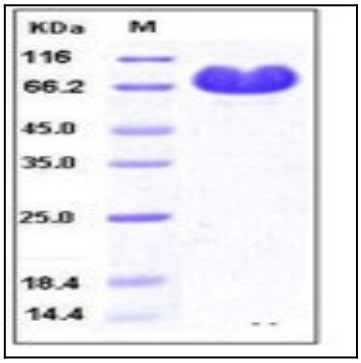


Fig 1: Human CD112 / Nectin-2 / PVRL2 Recombinant Protein (Fc Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.