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32-18256: Human CD112 Protein, His Tag

Uniprot ID : Q92692
Alternative Name : NECTIN2;HVEB;PRR2;PVRL2;PVRR2

Description

Description : Recombinant Human CD112 with C-terminal 6×His tag
Background : This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Characterization: mass of 36.1 kDa after removal of the signal peptide.The apparent molecular mass of CD112-His is approximately 35-55 kDa due to glycosylation.
Tag :C-6×His Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

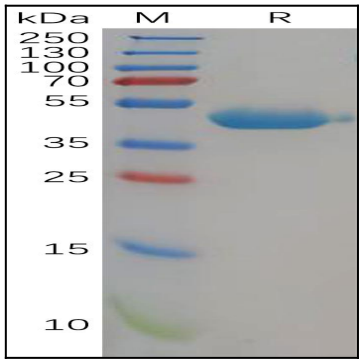


Figure 1. Human CD112 Protein, His Tag on SDS-PAGE under reducing condition.

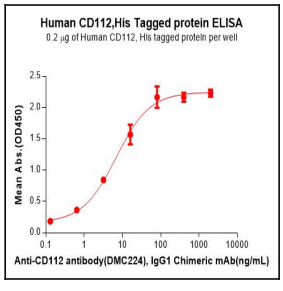


Figure 2. ELISA plate pre-coated by 2 Î¼g/mL (100 Î¼L/well) Human CD112 Protein, His Tag can bind Anti-CD112 antibody(DMC224), IgG1 Chimeric mAb in a linear range of 0.64-16.00 ng/mL.

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