

Active Recombinant Human NECTIN2 protein, His-tagged

Cat. No. NECTIN2-224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NECTIN2 protein(NP_002847.1)(Met1-Leu360), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu360
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. 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 0.078-2.5 µg/ml.2. Using the Octet RED System, the affinity constant (Kd) of Anti-CD112 Antibody bound to Nectin-2 Protein, Human, Recombinant (His Tag) was 34.4 nM.
Molecular Mass	The recombinant mature human CD112 consists 340 amino acids and has a calculated molecular mass of 36.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 48 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per

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	µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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