Recombinant Human NECTIN2 protein(Met1-Leu360), hFc&Avi-tagged, Biotinylated

Cat. No. NECTIN2-0632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NECTIN2 (NP_002847.1)(Met1-Leu360) was expressed in HEK293 with a c-terminal AVI tagged Fc region of Human IgG1 at the C-terminus (Fc-AVI). The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu360
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human PVRIG hFc at 2 μg/mL (100 μL/well) can bind Human Nectin-2 (ECD, hFc & AVI Tag), Biotinylated, the EC50 of Human Nectin-2 (ECD, hFc & AVI Tag), Biotinylated is 10-60 ng/mL.
Molecular Mass	The recombinant human NECTIN2 consists of 582 amino acids and predicts a molecular mass of 64.08 kDa. It migrates as an approximately 75.99 kDa band in SDS-PAGE under reducing conditions.

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Endotoxin	< 1.0 EU per μg 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.
Conjugation	Biotin

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