

Active Recombinant Human NECTIN1 protein, His-tagged

Cat. No. NECTIN1-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NECTIN1 protein(NP_002846.3)(Met1-Thr334), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Thr334
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 PVRL3 at 1 µg/ml (100 µl/well) can bind biotinylated recombinant human PVRL1 / Nectin-1 with a linear range of 6.4-800 ng/ml.2. Immobilized Nectin 3 Protein, Human, Recombinant (ECD, hFc Tag) at 2 µg/ml (100 µl/well) can bind PVRL1/NECTIN1 Protein, Human, Recombinant (His Tag), the EC50 of PVRL1/NECTIN1 Protein, Human, Recombinant (His Tag)is 150-700 ng/mL.
Molecular Mass	The recombinant human PVRL1 consists of 315 amino acids and predicts a molecular mass of 35.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhPVRL1 is approximately 45-50 kDa due to glycosylation.
Endotoxin	< 1.0 EU per

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	µg of the protein as determined by the LAL method
Purity	> 98 % 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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