

Recombinant Rat Cd226 protein(Met1-Ile265), His-tagged

Cat. No. Cd226-1105R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd226 (NP_001100840.1) (Met1-Ile265) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-265 a.a.
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	1. Measured by its binding ability in a functional ELISA. 2. Immobilized rat CD226-His at 10µg/mL (100µL/well) can bind mouse PVR-Fch, the EC50 of mouse PVR-Fch is 0.06-0.2 µg/mL.
Molecular Mass	The recombinant rat Cd226 consists 245 amino acids and predicts a molecular mass of 28 kDa.
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

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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.

GENE INFORMATION

Gene Name Cd226 CD226 molecule [*Rattus norvegicus*]

Official Symbol Cd226

Synonyms CD226; CD226 molecule; CD226 antigen;

Gene ID 307199

mRNA Refseq NM_001107370

Protein Refseq NP_001100840

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