

Active Recombinant Rat Cd226 protein, hFc-tagged

Cat. No. Cd226-8794R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd226 protein(D3ZS97)(Met1-Ile265), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ile265
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	Immobilized rat PVR-His at 10 µg/ml (100 µl/well) can bind rat CD226-Fc, The EC50 of rat CD226-Fc is 0.41-0.97 µg/ml.
Molecular Mass	The recombinant rat CD226/Fc is a disulfide-linked homodimer. The reduced monomer comprises 475 amino acids and has a predicted molecular mass of 53.6 kDa. The apparent molecular mass of the protein is approximately 62-68 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

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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