

Active Recombinant Human CD226 protein, His-tagged

Cat. No. CD226-229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD226 protein(NP_006557.2)(Met 1-Asn 247) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-247 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD226 at 2 µg/ml (100 µl/well) can bind human CD112 with a linear ranger of 6.4-800 ng/ml.
Molecular Mass	The recombinant human DNAM1 comprises 240 amino acids and has a predicted molecular mass of 27.6 kDa. As a result of glycosylation, rh DNAM1 migrates with an apparent molecular mass of 40-50 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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 \[Homo sapiens \]](#)

Official Symbol [CD226](#)

Synonyms CD226; CD226 molecule; CD226 antigen; DNAM 1; DNAM1; PTA1; TLISA1; adhesion glycoprotein; DNAX accessory molecule 1; DNAX accessory molecule-1; platelet and T cell activation antigen 1; T lineage-specific activation antigen 1 antigen; DNAM-1;

Gene ID [10666](#)

mRNA Refseq [NM_006566](#)

Protein Refseq [NP_006557](#)

MIM [605397](#)

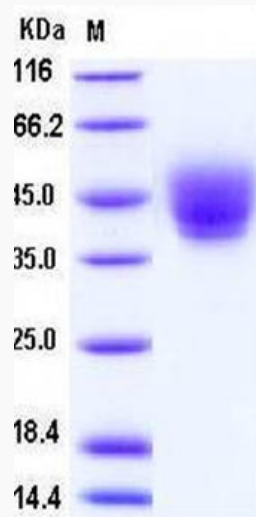
UniProt ID [Q15762](#)

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SDS-PAGE



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