

Active Recombinant Human CD226 protein, hFc-tagged, Low Endotoxin

Cat. No. CD226-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD226 protein(Q15762)(Glu19-Asn247), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-247 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human CD155, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human DNAM-1, hFc Tag with the EC50 of 5.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52.8 kDa. Due to glycosylation, the protein migrates to 70-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

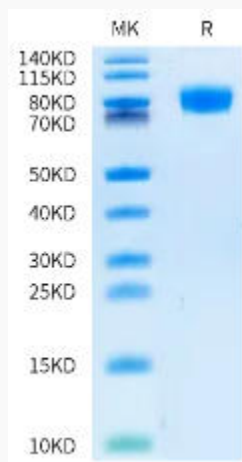
UniProt ID Q15762

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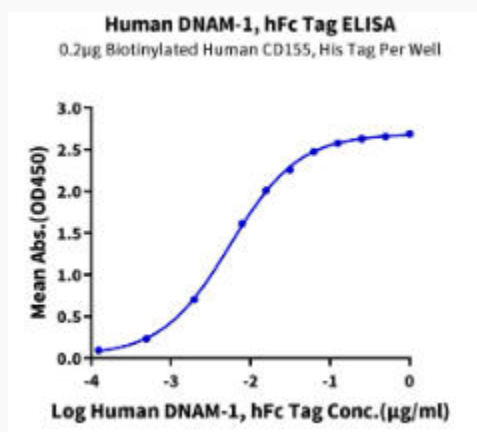
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Bis-Tris PAGE



ELISA Data



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