

# Recombinant Human CD226 Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** CD226-2190HAF488    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 488 conjugated recombinant human CD226 extracellular domain (Met 1-Asn 247) (NP\_006557.2), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

**Species**      Human

**Source**      HEK293

**ProteinLength**      240

**Form**      Lyophilized

**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/ µg of the protein as determined by the LAL method.

**Characteristic**      Disulfide-linked homodimer  
Labeled with Alexa Fluor 488 via amines  
Excitation Wavelength: 488 nm  
Emission Wavelength: 515-545 nm

**Stability**      Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	CD226 CD226 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD226
<b>Gene ID</b>	10666
<b>mRNA Refseq</b>	NM_006566
<b>Protein Refseq</b>	NP_006557
<b>MIM</b>	605397
<b>UniProt ID</b>	Q15762

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