

# Recombinant Human CD226 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** CD226-2190HAF647    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 647 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 647 via amines  
Excitation = 650 nm  
Emission = 668 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 647   |

## 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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