

# Recombinant Mouse Cd226 Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Cd226-635MAF555    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 555 conjugated recombinant Mouse Cd226 extracellular domain (NP_848802.2) (Met 1-Pro 254), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 484                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant mouse DNAM1/Fc is a disulfide-linked homodimer. The reduced monomer consists of 484 amino acids and has a predicted molecular mass of 55 kDa. As a result of glycosylation, rm DNAM1/Fc monomer migrates with an apparent molecular mass of 70-80 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                 |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.                                                    |

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                            |
| <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 555                                                                                                                                                           |
| <b>GENE INFORMATION</b> |                                                                                                                                                                           |
| <b>Gene Name</b>        | Cd226 CD226 antigen [ Mus musculus ]                                                                                                                                      |
| <b>Official Symbol</b>  | Cd226                                                                                                                                                                     |
| <b>Gene ID</b>          | 225825                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_001039149                                                                                                                                                              |
| <b>Protein Refseq</b>   | NP_001034238                                                                                                                                                              |

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