

Active Recombinant Mouse Cd226 protein, His-tagged

Cat. No. Cd226-2274M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd226 protein(NP_848802.2)(Met1-Pro254), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-254 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse DNAM1 at 2 µg/ml (100 µl/well) can bind mouse CD155 with a linear range of 6.4-160 ng/ml.
Molecular Mass	The recombinant mouse DNAM1 consists of 247 amino acids and has a predicted molecular mass of 28.2 kDa. As a result of glycosylation, the apparent molecular mass of rm DNAM1 is approximately 43 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Pro254
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity > 97 % as determined by SDS-PAGE

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 antigen [*Mus musculus*]

Official Symbol Cd226

Synonyms CD226; CD226 antigen; platelet and T cell activation antigen 1; platelet and T-cell activation antigen 1; Pta1; DNAM1; DNAM-1; TLISA1; BC051526;

Gene ID 225825

mRNA Refseq NM_001039149

Protein Refseq NP_001034238

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