

PRODUCT INFORMATION

Target	DNAM1
Synonyms	CD226;PTA1
Description	Recombinant mouse DNAM-1 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q5DW69
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	Mouse DNAM-1(Glu19-Pro254) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 52.9 kDa after removal of the signal peptide. The apparent molecular mass of mDNAM-1-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell. Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated



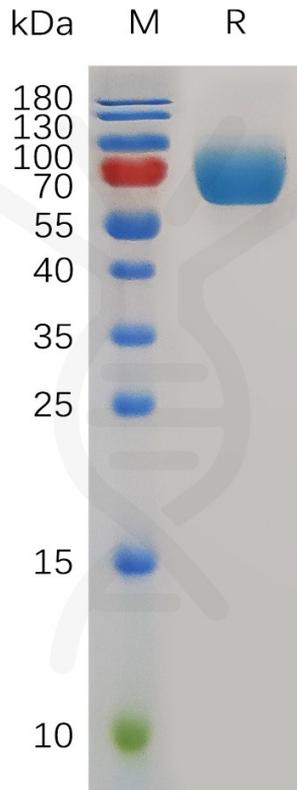


Figure 1. Mouse DNAM1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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