Recombinant Human DNAM-1/CD226 Protein

Catalog No	RP00324	**Category**	Protein
Description	Recombinant Human DNAM-1/CD226 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Glu19-Asn247) of human DNAM-1/CD226 (Accession #Q15762) fused with a 6×His tag at the C-terminus.		

Sequence Information

Species	Human	**Gene ID**	10666
Tags	6×His tag at the C-terminus	**Swiss Prot**	Q15762
Synonyms	DNAM-1; DNAM1; PTA1; TLiSA1		
AA Sequence	EEVLWHTSVPFAENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPTHGMVIRKPYAER VYFLNSTMASNNMTLFFRNASEDDVGYYSCSLYTYPQGTWQKVIQVVQSDSFEAAVPSNS HIVSEPGKNVTLTCQPQMTWPVQAVRWEKIQPRQIDLLTYCNLVHGRNFTSKFPRQIVSN CSHGRWSVIVIPDVTVSDSGLYRCYLQASAGENETFVMRLTVAEGKTDN		

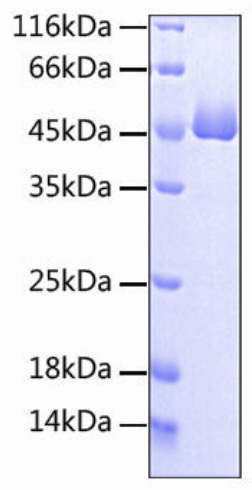
Product information

Source	Human Cells
Purity	> 95% by SDS-PAGE.
Endotoxin	< 1 EU/μg of the protein by LAL method.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. **Avoid repeated freeze/thaw cycles.**

Background

This protein belongs a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Alternative splicing results in multiple transcript variants.

SDS-PAGE



Bioactivity

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