

Recombinant Full Length Human CD226 Protein, C-Flag-tagged

Cat. No. CD226-1273HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CD226 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	36.5 kDa
AA Sequence	MDYPTLLLALLHVYRALCEEVLWHTSVFPAENMSLECVYPSMGILTQVEWFKIGTQQ DSIAIFSPTHGMV IRKPYAERVYFLNSTMASNNMTLFFRNASEDDVGYYSCSLYTYP QGTWQKVIQVVQSDSFEAAVPSNSHI VSEPGKNVTLTCQPQMTWPVQAVRWEKIQ PRQIDLLTYCNLVHGRNFTSKFPRQIVSNCSHGRWSVIVIP DVTVSDSGLYRCYLQA SAGENETFVMRLTVAEGKTDNQYTLFVAGGTVLLLLFVISITTIIVIFLNRRRR RERRDLFTESWDTQKAPNNYRSPISTGQPTNQSMDDTREDIYVNYPTFSRRPKTRV

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	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs)
Full Length	Full L.

GENE INFORMATION

Gene Name	CD226 CD226 molecule [Homo sapiens (human)]
Official Symbol	CD226
Synonyms	PTA1; DNAM1; DNAM-1; TLISA1
Gene ID	10666
mRNA Refseq	NM_006566.4

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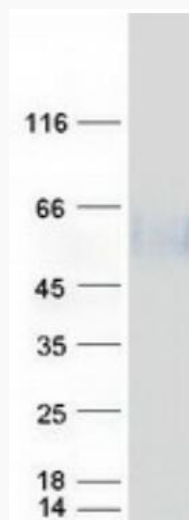
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Protein Refseq NP_006557.2

MIM 605397

UniProt ID Q15762



Coomassie blue staining of purified CD226 protein.

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