

Recombinant Human CD226, His-tagged

Cat. No. CD226-7254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD226 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
description	CD226 is a 65kDa glycoprotein expressed on the surface 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. CD226 mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. This protein also plays a role in megakaryocytic cell maturation
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
molecular mass	29.4 kDa (259aa)
aa sequence	MGSSHHHHHH SSGLVPRGSH MGSEEV LWHT SVPFAENMSL ECVYPSMGIL TQVEWFKIGT QQDSIAIFSP THGMVIRKPY AERVYFLNSTMASNNMTLFF

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RNASEDDVG YSCSLYTYPQ GTWQKVIQV QSDSFEEAVP SNSHIVSEPG
KNVTLTCQPQ MTWPVQAVRW EKIQRQIDL LTYCNLVHGR NFKSKFPRQI
VSNCSHGRWS VVIPDVTVS DSGLYRCYLQ ASAGENETV MRLTVAEGKT
DNQYTLFVA

purity >90% by SDS - PAGE

applications SDS-PAGE

storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

concentration 1 mg/ml

GENE INFORMATION

gene name CD226 CD226 molecule [Homo sapiens]

official symbol CD226

synonyms CD226; CD226 molecule; CD226 antigen; DNAM 1; DNAM1; PTA1; TLISA1; adhesion glycoprotein; DNAX accessory molecule 1; DNAX accessory molecule-1; platelet and T cell activation antigen 1; T lineage-specific activation antigen 1 antigen; DNAM-1;

Gene ID 10666

mrna refseq NM_006566

protein refseq NP_006557

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mim	605397
uniprot id	Q15762
chromosome location	18q22.3
pathway	Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem;
function	cell adhesion molecule binding; integrin binding; protein binding; protein kinase binding; receptor activity;