Recombinant Human CD226 protein, T7/His-tagged

Cat. No. CD226-139H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD226 extracellular domain cDNA (19 - 254 aa, derived from BC074787) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-254 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEEEVLWHTSVPFAENMSLECVYPSMGI LTQVEWFKIGTQQDSIAIFSP THGMVIRKPYAERVYFLNSTMASNNMTLFFRNASED DVGYYSCSLYTYPQGTWQKVIQVVQSDSFEAAVPSNSHI VSEPGKNVTLTCQPQM TWPVQAVRWEKIQPRQIDLLTYCNLVHGRNFTSKFPRQIVSNCSHGRWSVIVIPDVT VS DSGLYRCYLQASAGENETFVMRLTVAEGKTDNQYTLFVA
Purity	>90% by SDS-PAGE
Applications	1. May be used as coating matrix protein or as soluble receptor for in vitro lymphocytes differentiation or activation regulations study.2. May be used for protein-protein interaction assay development.3. As antigen for specific antibody production.

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

Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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
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

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	biosystem;
Function	cell adhesion molecule binding; integrin binding; protein binding; protein kinase binding; receptor activity;

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