

CD226, human recombinant

CATALOG #: 7310-100 100 µg

ALTERNATE NAMES: CD226 antigen, DNAM-1, DNAM1, PTA1, TLISA1

SOURCE: E. coli

PURITY: > 90% by SDS-PAGE

MOL. WEIGHT: 29.4 kDa (259 aa, 19-254 aa + His tag), confirmed by MALDI-TOF.

ENDOTOXIN LEVEL: < 1.0 EU per 1 µg of protein

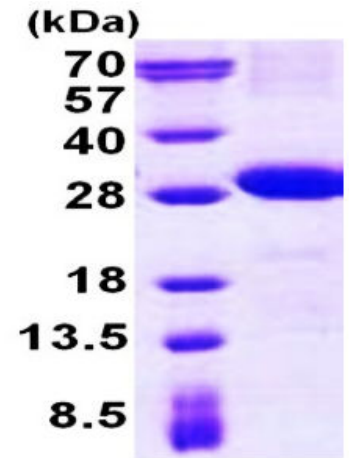
FORM: Liquid

FORMULATION: 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea and 10% glycerol.

STORAGE CONDITIONS: 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.

DESCRIPTION: CD226 is a 65 kDa 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. Recombinant human CD226 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AMINO ACID SEQUENCE: MGSSHHHHHH SSGLVPRGSH MGSEEVLWHT
 SVPFAENMSL ECVYPSMGIL TQVEWFKIGT QQDSIAIFSP THGMVIRKPY
 AERVYFLNST MASNMTLFF RNASEDDVGY YSCSLYTPQ GTWQKVIQVV
 QSDSFEAAVP SNSHIVSEPG KNVTLTCQPQ MTWVPVQAVRW EKIQPRQIDL
 LTYCNLVHGR NFTSKFPRQI VSNCSHGRWS VIVIPDVTVS DSGLYRCYLQ
 ASAGENETFV MRLTVAEGKT DNQYTLFVA



15% SDS-PAGE (3µg)
 CD226, human recombinant

- RELATED PRODUCTS:**
- CD1E, human recombinant (Cat. No. 7308-100)
 - CD200, human recombinant (Cat. No. 7309-100)
 - CD274, mouse recombinant (Cat. No. 7311-100)
 - CD300C, human recombinant (Cat. No. 7312-100)
 - CD3G, human recombinant (Cat. No. 7313-100)
 - CD46, human recombinant (Cat. No. 7314-100)
 - CD5, human recombinant (Cat. No. 7315-100)
 - CD7, human recombinant (Cat. No. 7316-100)
 - CD74, human recombinant (Cat. No. 7317-100)
 - CD79B, human recombinant (Cat. No. 7318-100)
 - CD84, human recombinant (Cat. No. 7319-100)
 - CD8B, human recombinant (Cat. No. 7320-100)

FOR RESEARCH USE ONLY! Not to be used in humans.