

Recombinant human DNAM-1/CD226 protein

Catalog Number: ATGP1954

PRODUCT INFORMATION

Expression system

E.coli

Domain

19-254aa

UniProt No.

Q15762

NCBI Accession No.

NP_006557

Alternative Names

CD226 antigen, CD226 antigen, DNAM-1, DNAM1, PTA1, TLIISA1

PRODUCT SPECIFICATION

Molecular Weight

29.4 kDa (259aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human CD226 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHHH SGLVPRGSH MGSEEVWHT SVPFAENMSL ECVYPSMGIL TQVEWFKIGT QQDSIAIFSP THGMVIRKPY

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AERVYFLNST MASNMTLFF RNASEDDVGY YSCSLYTYPQ GTWQKVIQVV QSDSFEAAVP SNSHIVSEPG KNVTLTCQPQ
MTWPVQAVRW EKIQPRQIDL LTYCNLVHGR NFTSKFPRQI VSNCSHGRWS VIVIPDVTVS DSGLYRCYLQ ASAGENETFV
MRLTVAEGKT DNQYTLFVA

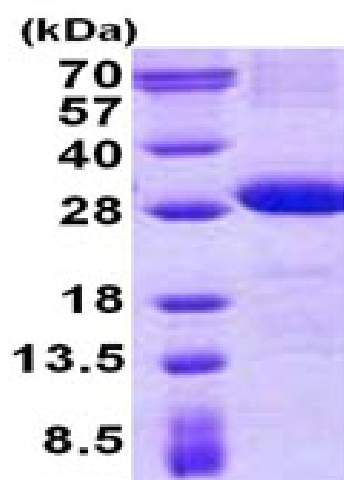
General References

Liu,J., et al. (2012) J. Immunol. 188 (11), 5511-5520

Liu,R.,et al. (2012) Mol. Biol. Rep. 39 (6), 6915-6922

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)