

CD226, 19-254aa Human, His tag, E.coli

Cat.NO.: TP01492

3th Edition

Synonyms:CD226 antigen , DNAM-1, DNAM1, PTA1, TLI SA1

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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Molecular Weight:29.4 kDa (259aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSEEV LWHTSV PFAENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPTHGMV
IRKPYAERVYFLNSTMASNNMTLFFRNA SEDDVGYYSCLYTPQGTWQKVIQVVQSDSFEAAVPSNSHIVSEPGK
NVT LTCQPQMTWPVQAVRWEKIQPRQIDLLTYCNLVHGRNFTSKFPRQIVSNCSHGRWSVIVIPDVTVSDSGLYRC
YLQASAGENETFVMRLTVAEGKTDNQYTLFVA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.