

**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:**

MGSSHHHHHSSGLVPRGSHMGSEEVLWHTSVPFAENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPTHGMV  
IRKPYAERVYFLNSTMASNNMTLFFRNASEDDVGYYSCLYTPQGTWQKVIQVVQSDSFEAAVPSNSHIVSEPGK  
NVTLCQPQMTWPVQAVRWEKIQPRQIDLLTYCNLVHGRNFTSKFPRQIVSNCSHGRWSVIVIPDVTVSDSGLYRC  
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.