



**Catalog Number:** PR27307

**Product Type:** Recombinant Protein

**Source:** E. Coli

**Amino Acid Sequence:** MGSSHHHHHH SGLVPRGSH MGSEEVLWHT SVPFAENMSL ECVYPSMGIL TQVEWFKIGT  
QQDSIAIFSP THGMVIRKPY AERVYFLNST MASNNMTLFF RNASEDDVGY YSCSLYTYPQ  
GTWQKVIQVV QSDSFEAAVP SNSHIVSEPG KNVTLTCQPQ MTWPVQAVRW EKIQPRQIDL  
LTYCNLVHGR NFTSKFPRQI VSNCSHGRWS VIVIPDVTVS DSGLYRCYLQ ASAGENETFV  
MRLTVAEGKT DNQYTLFVA.

**Description/Molecular Mass:** CD226 belongs to the Ig-superfamily containing 2 Ig-like domains of the V-set. CD226 is a 65kDa glycoprotein expressed on the surface NK cells, platelets, monocytes and a subset of T cells. CD226 facilitates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. CD226 also plays a role in megakaryocytic cell maturation.

CD226 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 259 amino acids (19-254a.a.) and having a molecular mass of 29.4kDa. CD226 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Purity:** Greater than 90.0% as determined by:  
(a) Analysis by SDS-PAGE.

**Format:** CD226 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

**Storage:** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### FOR RESEARCH USE ONLY

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