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## Product Data Sheet

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Product Name: CD226 Human, Sf9

Cat. No.: GP23030

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9,Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD226 antigen; DNAX accessory molecule 1; DNAM-1; CD226; CD226Molecule; CD226 Antigen; DNAX Accessory Molecule 1; DNAM-1; DNAM1; TLineage-Specific Activation Antigen 1 Antigen; Platelet And T Cell ActivationAntigen 1; DNAX Accessory Molecule-1; Adhesion Glycoprotein; TLiSA1;PTA1.		
Amino Acid Sequence	ADPEEVLWHTSVPAENMSL ECVYPSMGIL TQVEWFKIGT QQDSIAIFSP THGMVIRKPY AERVYFLNST MASNMTLFFRNA SEDDVG YSCSLYTPQ GTWQKVIQVV QSDSFEEAVP SNSHIVSEPG KNVTLTCQPQ MTWPVQAVRWEKIQPRQIDL LTYCNLVHGR NFTSKFPRQIVSNCSHGRWS VVIPDVTVS DSGLYRCYLQ ASAGENETFV MRLTVAEGKT DNLEPKSCDKTHTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPREEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQPREPQVYTLPSRDELTKNQVSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEALHNHYTQKSLS LSPGKHHHHH H.		
Formulation	CD226 protein solution (0.5mg/ml) containing PhosphateBuffered Saline (pH 7.4) and 10% glycerol.		

**Introduction**

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.

**Stability**

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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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.

### Background

CD226 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 471 amino acids (19-247a.a) and having a molecular mass of 53.2kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). CD226 is fused to a 239 amino acid hIlgG-His-tag at C-terminus & purified by proprietary chromatographic techniques.

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