

CD226 Human

Description: 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.

Catalog #: PRPS-1360

For research use only.

Synonyms: DNAM-1, PTA1, TLISA1, CD226 antigen, DNAX accessory molecule 1, DNAM1, Recombinant Human CD226.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSEEVLWHT SVPFAENMSL
ECVYPSMGIL TQVEWFKIGT QQDSIAIFSP THGMVIRKPY AERVYFLNST MASNNMTLFF
RNASEDDVG YSCSLYTYPQ GTWQKVIQVV QSDSFEEAVP SNSHIVSEPG KNVTLTCQPQ
MTWPVQAVRW EKIQRQIDL LTYCNLVHGR NFKSKFPRQI VSNCSHGRWS VVIPDVTVS
DSGLYRCYLQ AS

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

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

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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