

CD34 Human

Description: CD34 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 280 amino acids (32-290a.a.) and having a molecular mass of 34.2kDa. CD34 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1370

For research use only.

Synonyms: CD34 molecule, Hematopoietic progenitor cell antigen CD34, CD34 Antigen, CD34.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MSLDNNGTAT PELPTQGTFS
NVSTNVSQYE TTPSTLGST SLHPVSQHG N EATTNITETT VKFTSTSVIT SVYGNTNSSV
QSQTSVISTV FTTPANVSTP ETTLKPSLSP GNVDLSTTS TSLATSPTKP YTSSSPILSD
IKAEIKCSGI REVKLTQGIC LEQNKTS SCA EFKKDRGEGL ARVLCGEEQA DADAGA QVCS
LLLAQSEVRP QC

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

Formulation:

CD34 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT.

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:

CD34 is a single chain transmembrane glycoprotein which is selectively expressed on human lymphoid and myeloid hemapoietic progenitor cells. CD34 has been used to measure angiogenesis, which reportedly predicts tumor recurrence.

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