



Catalog Number: PR27319

Product Type: Recombinant Protein

Source: E. Coli

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSLDNNGTAT PELPTQGTFN NVSTNVSYQE TTTTSTLGGT
SLHPVSQLHGN EATTNITETT VKFTSTSVIT SVYGNTNSSV QSQTSVISTV FTTPANVSTP
ETTLKPSLSP GNVSDLSTTS TSLATSPTKP YTSSSPILSD IKAEIKCSGI REVKLTQGIC
LEQNKTSSEA EFKKDRGEGE ARVLCGEEQA DADAGAQVCS LLLAQSEVRP QCLLLVLANR
TEISSKLQLM KKHQSDLKKL GILDFTEQDV ASHQSYSQKT.

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

Purity: 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 29.7kDa. CD34 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

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

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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