

CD34 Human Recombinant

Item Number	rAP-0032
Synonyms	CD34 molecule, Hematopoietic progenitor cell antigen CD34, CD34 Antigen, CD34.
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 29.7kDa. CD34 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P28906
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSLDNNGTAT PELPTQGTFS NVSTNVSYQE TTPSTLGST SLHPVSQHGN EATTNITETT VKFTSTSVIT SVYGNTNSSV QSQTSVISTV FTTPANVSTP ETTLKPSLSP GNVSDLSTTS TSLATSPTKP YTSSSPILSD IKAEIKCSGI REVKLTQGIC LEQNKTSSEA EFKKDRGEGL ARVLCGEEQA DADAGAQVCS LLLAQSEVRP QCLLLVLNR TEISSKLQLM KKHQSDLKKL GILDFTE- QDV ASHQSYSQKT.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	CD34 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**