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## Product Data Sheet

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Product Name: CD34 Human, Sf9

Cat. No.: GP23051

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD34 molecule; Hematopoietic progenitor cell antigen CD34; CD34 Antigen; CD34.		
Amino Acid Sequence	ADLSLDNNGT ATPELPTQGT FSNVSTNVSY QETTTTPSTLG STSLHPVSQH GNEATTNITE TTVKFTSTSV ITSVYGNTNS SVQSQTSVIS TVFTTPANVS TPETTLKPSL SPGNVSDLST TSTSLATSPT KPYTSSSPIL SDIKAEIKCS GIREVKLTQG ICLEQNKTSS CAEFKKDRGE GLARVLCGEE QADADAGAQV CSLLLAQSEV RPQCLLLVLA NRTEISSKLQ LMKKHQSDLK KLGILDFTEQ DVASHQSYSQ KTHHHHHH.		
Formulation	CD34 protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.		

**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.

**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.

**Background**

CD34 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 268 amino acids (32-290a.a.) and having a molecular mass of 28.6kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD34 is fused with a 6 amino acids His tag at C-Terminus and purified by proprietary

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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

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chromatographic techniques.

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