

## Human CD34 soluble His-Tag

Synonyms: CD34

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

| Size   | Order #      | Lot # | Expiry Date |
|--------|--------------|-------|-------------|
| 5 µg   | 2065.950.005 |       |             |
| 20 µg  | 2065.950.020 |       |             |
| 200 µg | 2065.950.199 |       |             |

Please enquire for bulk quantities and other vial sizes

### Description

CD34 is a highly glycosylated type I membrane protein that is selectively expressed on hematopoietic stem cells and vascular endothelium. It has been widely used as a molecular marker for the identification, isolation, and manipulation of hemopoietic stem cells and progenitors. CD34 can function as a regulator of hemopoietic cell adhesion by mediating the attachment of stem cells to bone marrow stromal cells or other bone marrow components. The full length human CD34 is a 385 amino acid protein, consisting of a 31 amino acid signal sequence, a 74 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain and a 259 amino acid extracellular domain. Recombinant human sCD34 is a 258 amino acid polypeptide containing only the extracellular domain of the full length CD34 protein.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE, silver stained)

### Biological Activity

Data not available.

### Amino Acid Sequence

SLDNNGTATP ELPTQGTFSN VSTNVSQYET TTPSTLGSTS LHPVSQHGNE ATTNITETTV KFTSTSVITS  
 VYGNTNSSVQ SQTSVISTVF TTPANVSTPE TTLKPSLSPG NVSDLSTTST SLATSPTKPY TSSSPILSDI  
 KAEIKCSGIR EVKLTQGICL EQNKTSSCAE FKKDRGEGLA RVLCGEEQAD ADAGAQVCSL LLAQSEVRPQ  
 CLLLVLANRT EISSKLQLMK KHQSDLKKLK ILDFTEQDVA SHQSYSQKTL EHHHHHH

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING  
 Tel.: +49 40 43208448-0  
 order@active-bioscience.de  
 www.active-bioscience.de

TECHNICAL SUPPORT  
 Tel.: +49 40 43208448-11  
 support@active-bioscience.de

Active Bioscience GmbH  
 Oberaltenallee 8  
 D-22081 Hamburg  
 HRB 98170 Amtsgericht Hamburg