

## CD34 recombinant protein

Recombinant human CD34 protein with C-terminal 6xHis tag

|                              |                             |                                     |
|------------------------------|-----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA47264</b> | HOST<br><b>HEK293 cells</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------------|-------------------------------------|

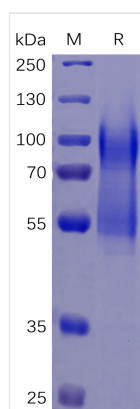
### PRODUCT SYNONYMS

CD34; Recombinant human CD34 protein with C-terminal 6xHis tag; Human CD34 Protein; His Tag; CD34 Molecule; CD34 recombinant protein

### PRODUCT SPECIFICATIONS

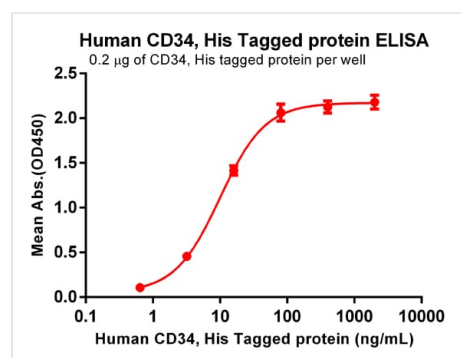
|                                                      |                                                                                                                |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                                 | HEK293 cells                                                                                                   |
| Purity/Purification                                  | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.           |
| Form/Format                                          | Lyophilized from sterile PBS, pH 7.4. Normally 5%-89% trehalose is added as protectants before lyophilization. |
| Sequence                                             | CD34(Ser32 -Thr290)                                                                                            |
| Applicable Applications for CD34 recombinant protein | WB (Western Blot)                                                                                              |
| Source                                               | Human                                                                                                          |
| Conjugation                                          | C- 6xHis tag                                                                                                   |
| Reconstitution                                       | Reconstitute with deionized water                                                                              |
| Preparation and Storage                              | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)<br>Shipping: Blue Ice                |

### IMAGES



SDS-PAGE

Figure 1. Human CD34 Protein, His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human CD34 Protein, His Tag on SDS-PAGE under reducing condition.

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CD34 recombinant protein | The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 264769                                                   |
| NCBI GeneID                      | 947                                                      |
| UniProt Accession #              | P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664   |
| Molecular Weight                 | 40,716 Da                                                |
| NCBI Official Full Name          | CD34                                                     |
| NCBI Official Synonym Full Names | CD34 molecule                                            |
| NCBI Official Symbol             | CD34                                                     |
| NCBI Protein Information         | hematopoietic progenitor cell antigen CD34; CD34 antigen |
| UniProt Protein Name             | Hematopoietic progenitor cell antigen CD34               |
| UniProt Gene Name                | CD34                                                     |
| UniProt Entry Name               | CD34_HUMAN                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/cd34-recombinant-protein-hek293-wb-western-blot/47264>