PRODUCT INFORMATION

Target	CD34
Synonyms	CD34 Molecule
Description	Recombinant human CD34 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P28906
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD34(Ser32-Thr290) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 28.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

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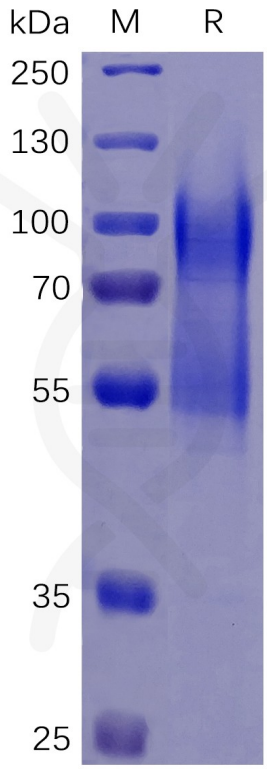


Figure 1. Human CD34 Protein, His Tag on SDS-PAGE under reducing condition.

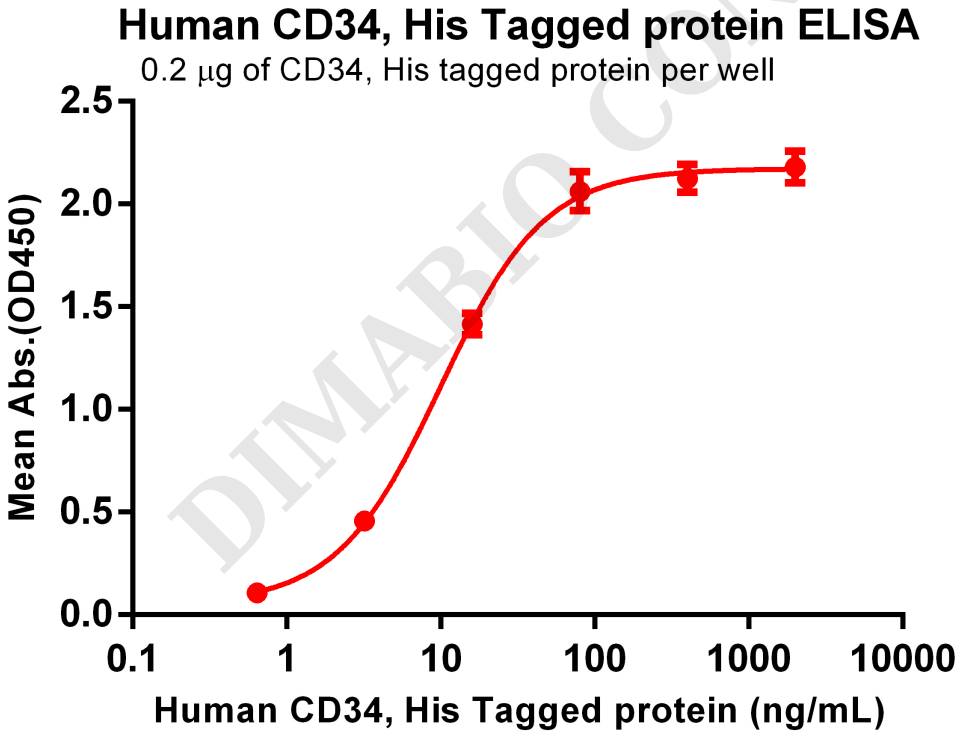


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD34 Protein, His Tag (PME100469) can bind Anti-CD34 antibody(DM134), Rabbit mAb in a linear range of 0.64–3.20 ng/mL.

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