

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



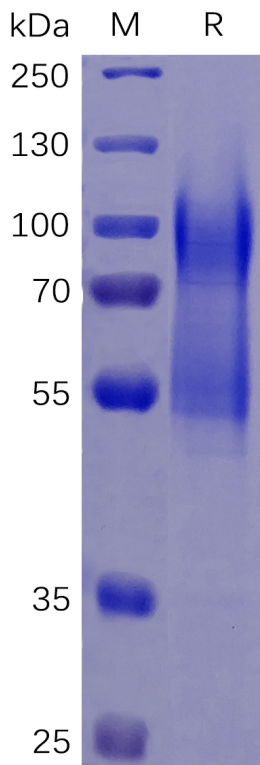


Figure 1. Human CD34 Protein, His Tag on SDS-PAGE under reducing condition.

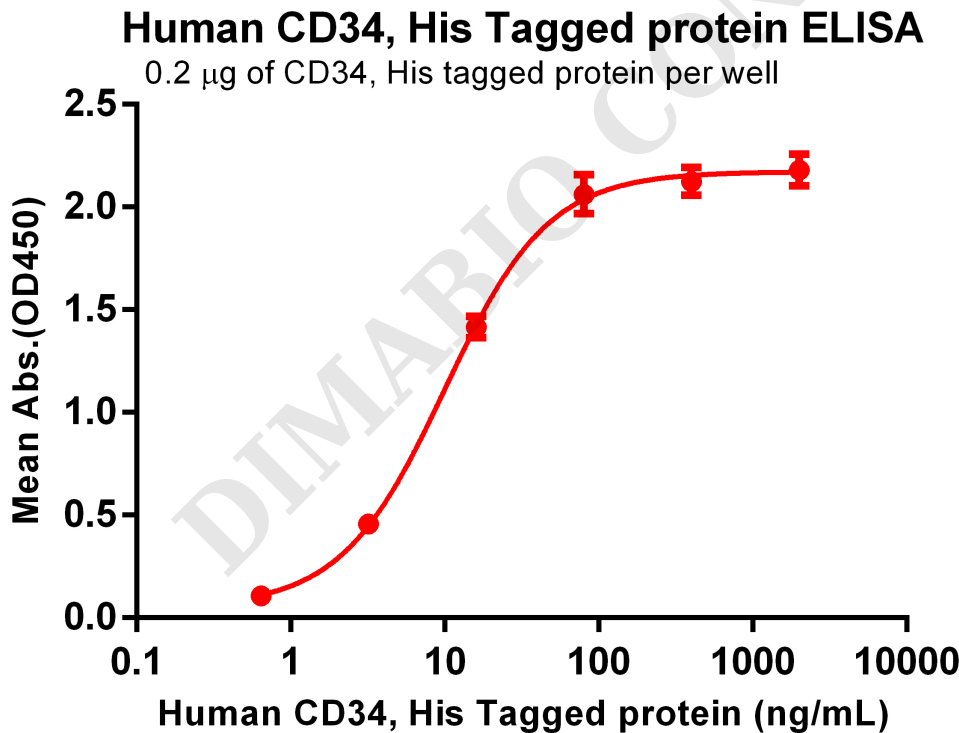


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human CD34 Protein, His Tag (PME100469) can bind Anti-CD34 antibody(DM134), Rabbit mAb in a linear range of 0.64-3.20 ng/mL.

