PRODUCT INFORMATION

Target	CD205
Synonyms	LY75;CLEC13B;DEC-205;GP200-MR6;LY-75
Description	Recombinant human CD205 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O60449
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD205(Ser28-Asp1666) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 189.6 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% 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	Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

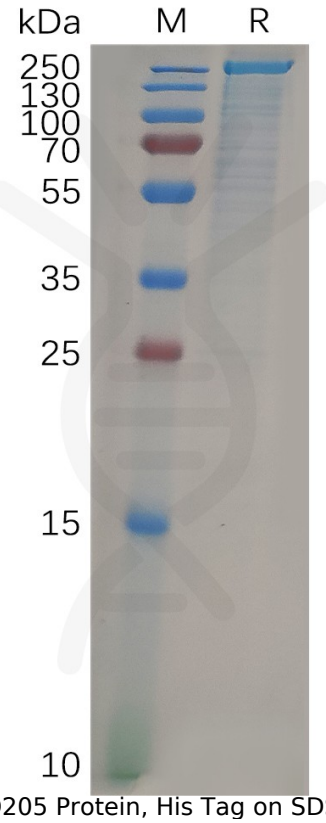


Figure 1. Human CD205 Protein, His Tag on SDS-PAGE under reducing condition.

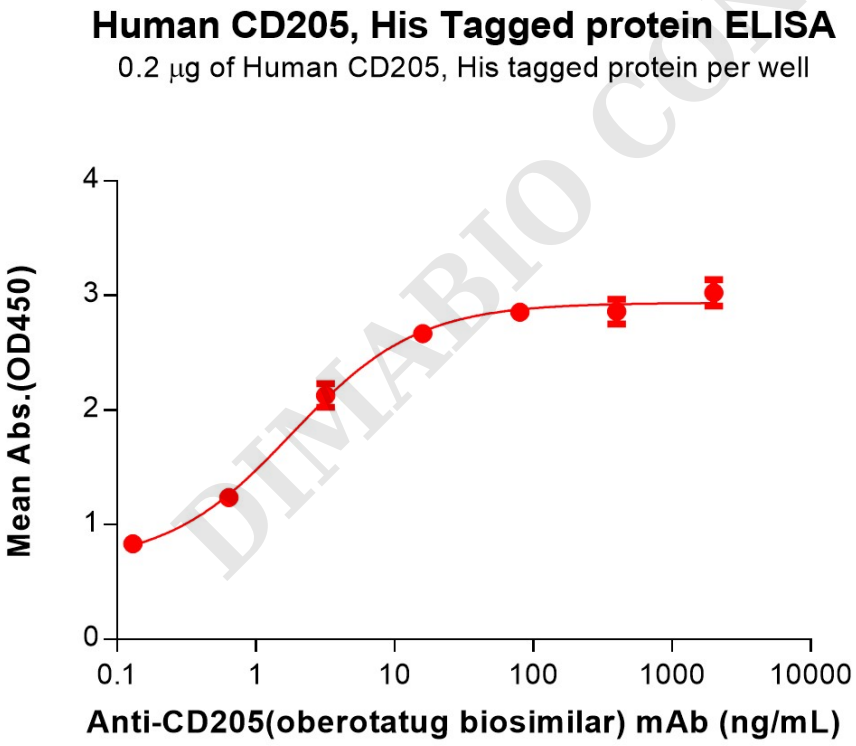


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD205 Protein, His Tag (PME100643) can bind Anti-CD205(oberotatug biosimilar) mAb (BME100593) in a linear range of 0.13–16 ng/mL.

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