PRODUCT INFORMATION

Target	CD200
Synonyms	CD200;MOX1;MOX2;MRC;OX-2;My033
Description	Recombinant human CD200 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P41217
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD200(Gln31-Gly232) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 23.3 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	This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms.
Usage	Research use only
Conjugate	Unconjugated

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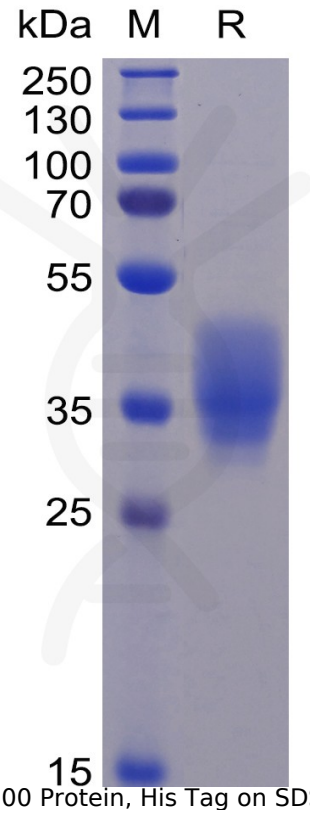


Figure 1. Human CD200 Protein, His Tag on SDS-PAGE under reducing condition.

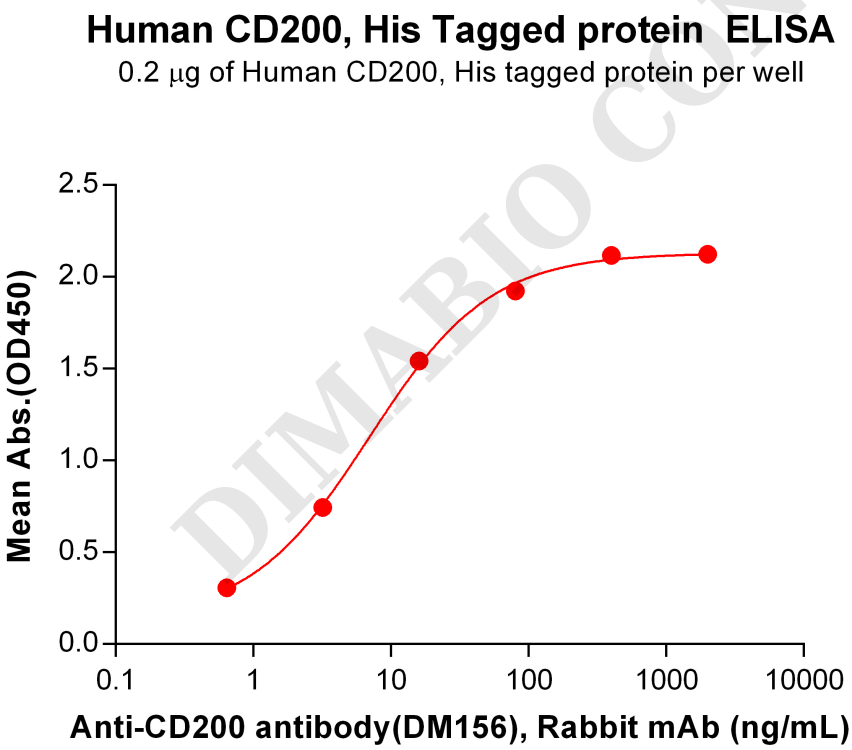


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD200 Protein, His Tag (PME100466) can bind Anti-CD200 antibody(DM156), Rabbit mAb in a linear range of 0.64–3.20 ng/mL.

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