PRODUCT INFORMATION

Target	CD58
Synonyms	ag3; LFA3; LFA-3
Description	Recombinant human CD58 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P19256
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	CD58(Phe29-Arg215) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 22.3 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	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]
Usage	Research use only
Conjugate	Unconjugated

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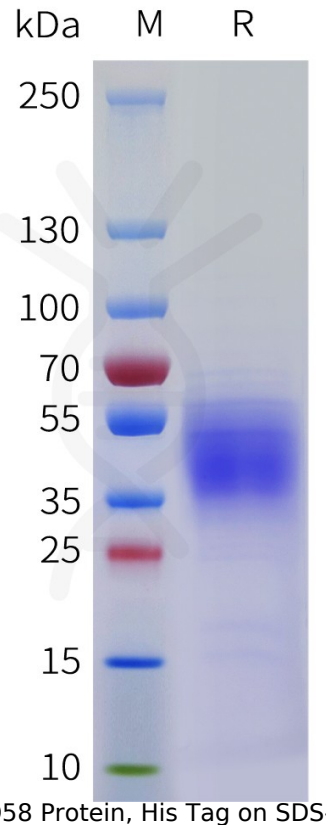


Figure 1. Human CD58 Protein, His Tag on SDS-PAGE under reducing condition.

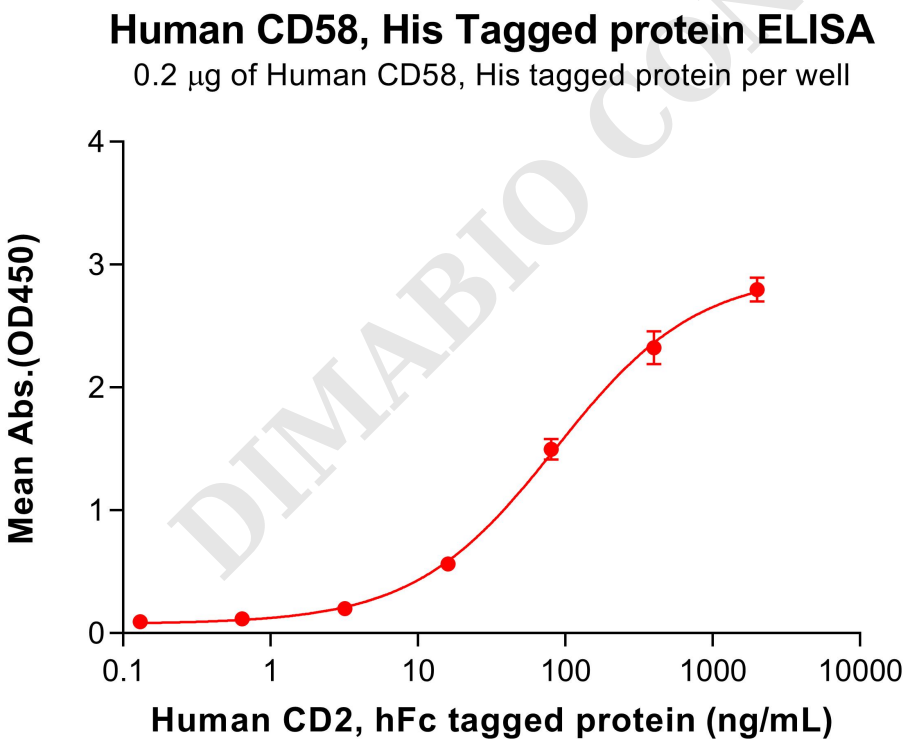


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD58 Protein, His Tag (PME101761) can bind Human CD2 Protein, hFc Tag (PME100595) in a linear range of 16–80 ng/mL.

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