Human CD155 Protein, mFc-His tag

Cat. No. PME100027

PRODUCT INFORMATION

Target	CD155
Synonyms	PVR;FLJ25946;PVS;CD155;TAGE4;HVED;NECL5
Description	Recombinant human CD155 protein with C-terminal mouse Fc and 6×His tag
Delivery	In Stock
Uniprot ID	P15151
Expression Host	HEK293
Tag	C-Mouse Fc and 6×His Tag
Molecular Characterization	CD155(Trp21-Asn343) mFc(Pro99-Lys330) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 62.2 kDa after removal of the signal peptide. The apparent molecular mass of CD155-mFc-His is approximately 95-130 kDa due to glycosylation.
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 is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.
Usage	Research use only
Conjugate	Unconjugated

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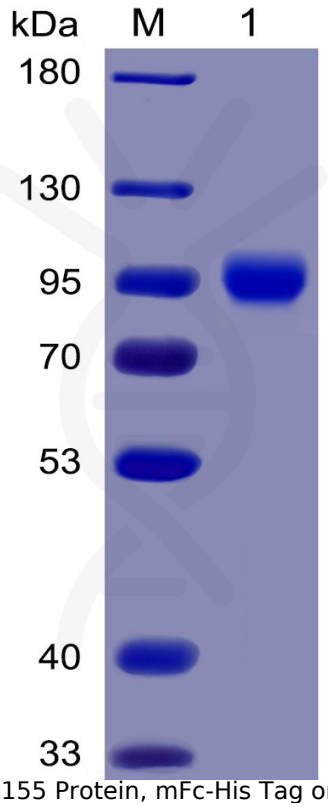


Figure 1. Human CD155 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

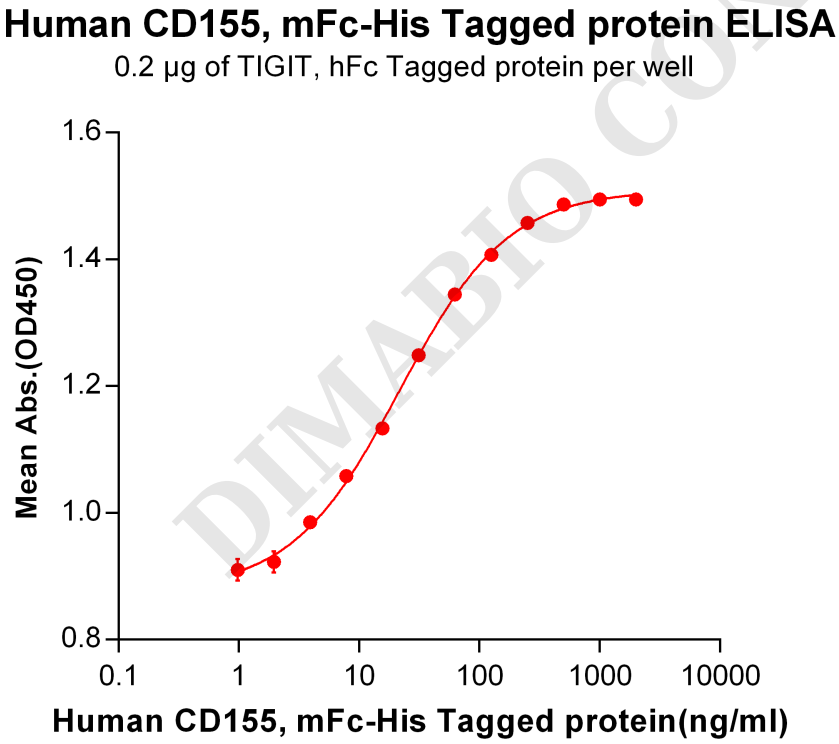


Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human CD155, mFc-His tagged protein (PME100027) can bind Human TIGIT, hFc tagged protein PME100107 in a linear range of 1.95-125 ng/ml.

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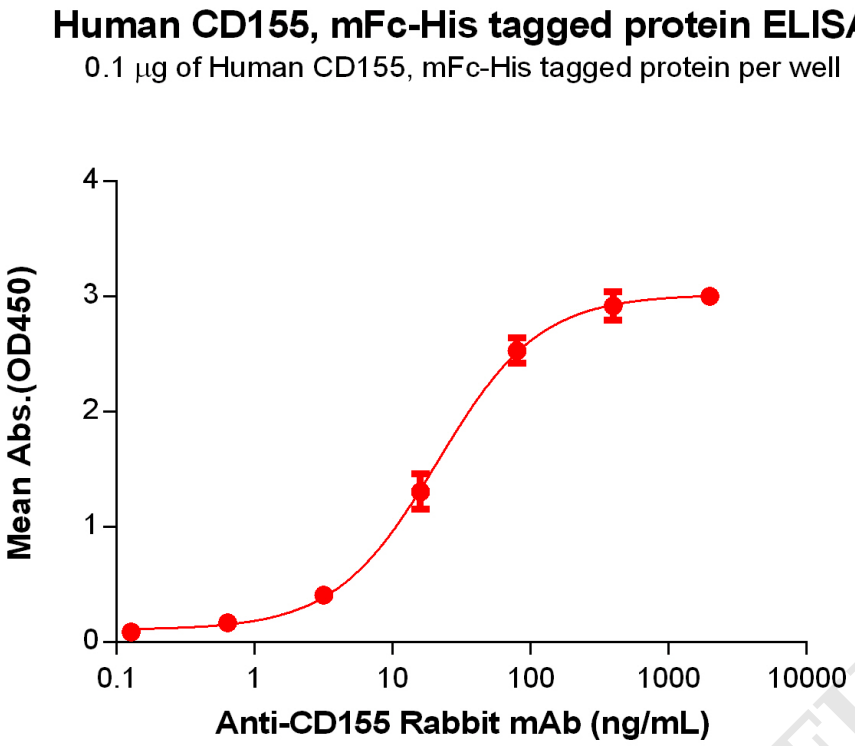


Figure 3. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human CD155 Protein, mFc-His Tag(PME100027) can bind Anti-CD155 Rabbit mAb in a linear range of 3.2-80 ng/mL.

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