Human CD93 Protein, mFc Tag

Cat. No. PME100695

PRODUCT INFORMATION

Target	CD93
Synonyms	C1qR;C1qR(p);C1qRp;CDw93
Description	Recombinant human CD93 Protein with C-terminal Mouse Fc tag
Delivery	In Stock
Uniprot ID	Q9NPY3
Expression Host	HEK293
Tag	C-Mouse Fc Tag
Molecular Characterization	CD93(Thr22-Lys580) mFc(Pro99-Lys330)
Molecular Weight	The protein has a predicted molecular mass of 84.5 kDa after removal of the signal peptide. The apparent molecular mass of CD93-mFc is approximately 100-130 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 cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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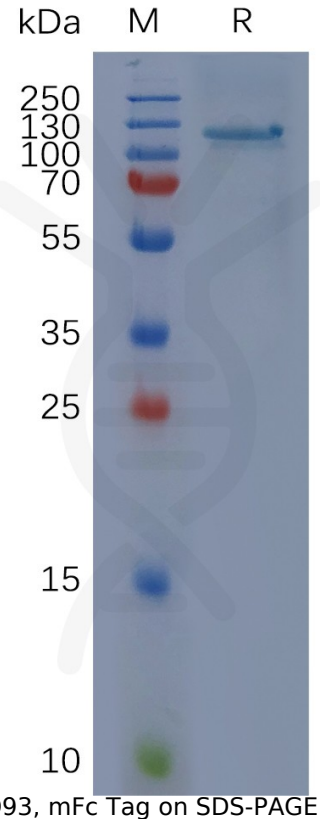


Figure 1. Human CD93, mFc Tag on SDS-PAGE under reducing condition.

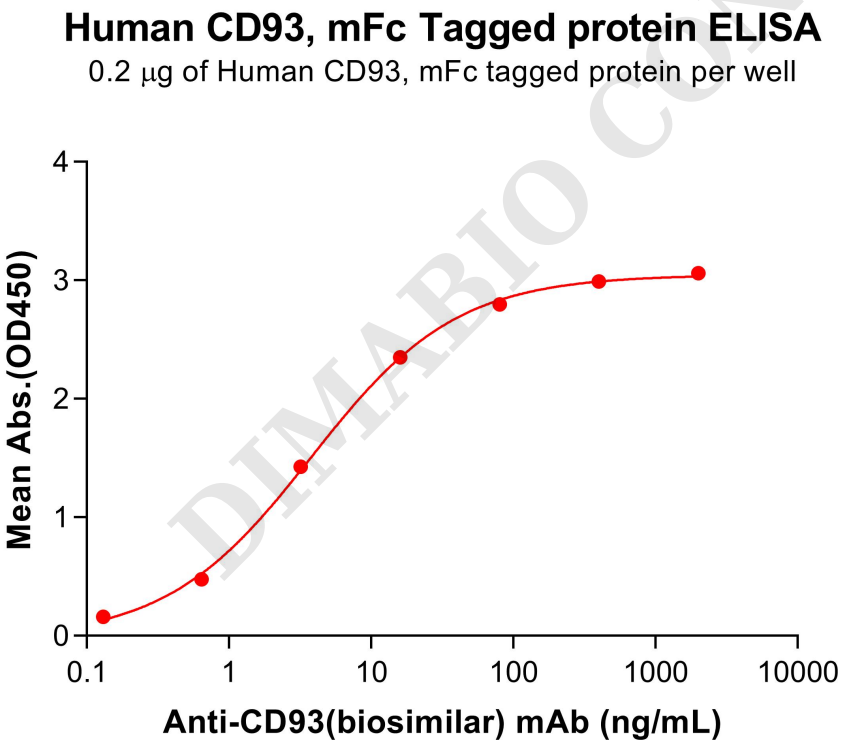


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD93 Protein, mFc Tag (PME100695) can bind Anti-CD93(biosimilar) mAb (BME100176) in a linear range of 0.64–3.2 ng/mL.

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