PRODUCT INFORMATION

Target	CD98
Synonyms	SLC3A2;4F2;MDU1;4F2HC;4T2HC;NACAE;CD98HC
Description	Recombinant Human CD98 Protein with N-terminal 6XHis tag
Delivery	In Stock
Uniprot ID	P08195
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag CD98(Arg206-Ala630)
Molecular Weight	The protein has a predicted molecular mass of 47.7 kDa after removal of the signal peptide. The apparent molecular mass of His-CD98 is approximately 55-100 kDa due to glycosylation.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized. [provided by RefSeq, Nov 2010]
Usage	Research use only
Conjugate	Unconjugated

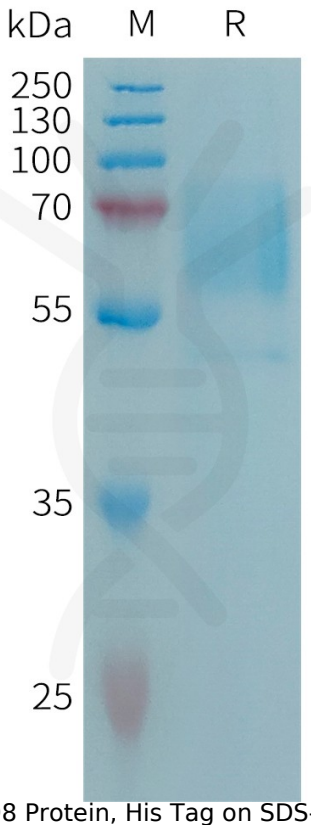

Figure 1.Human CD98 Protein, His Tag on SDS-PAGE under reducing condition.

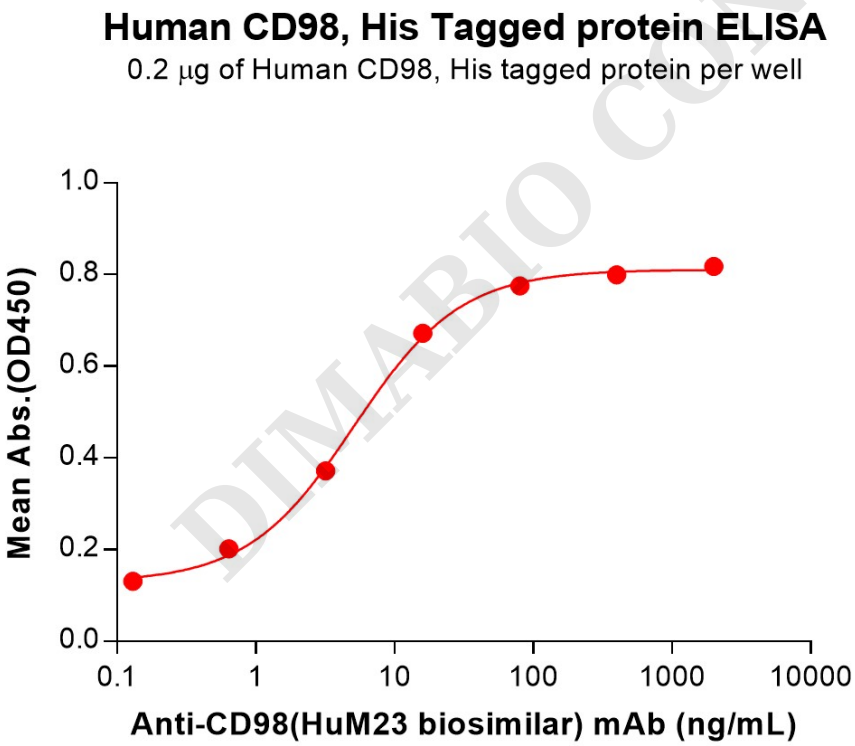

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD98 Protein, His Tag (PME101306) can bind Anti-CD98(HuM23 biosimilar) mAb (BME100238) in a linear range of 0.64–80 ng/mL.