PRODUCT INFORMATION

Target	CD55
Synonyms	CHAPLE;CR;CROM;DAF;TC
Description	Recombinant Human CD55 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P08174
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD55(Asp35-Ser353) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 35.8 kDa after removal of the signal peptide. The apparent molecular mass of CD55-His is approximately 35-70 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.
Background	This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins. [provided by RefSeq, Jul 2014]
Usage	Research use only
Conjugate	Unconjugated

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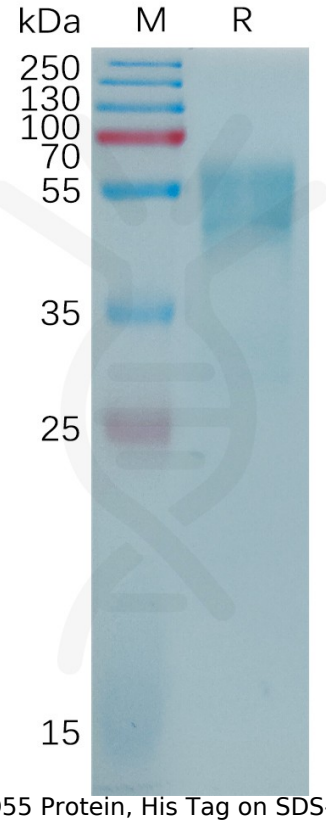


Figure 1. Human CD55 Protein, His Tag on SDS-PAGE under reducing condition.

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