

## **PRODUCT INFORMATION**

**CD55 Target** 

**Synonyms** CHAPLE; CR; CROM; DAF; TC

Recombinant Human CD55 Protein with C-**Description** 

terminal 6×His tag

**Delivery** In Stock **Uniprot ID** P08174 **Expression Host HEK293** 

Tag C-6×His Tag

Molecular Characterization

**Background** 

CD55(Asp35-Ser353) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight** 

35.8 kDa after removal of the signal peptide. The apparent molecular mass of CD55-His is

approximately 35-70 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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]

> Email: info@dimabio.com Website: www.dimabio.com

Research use only Usage

Conjugate Unconjugated





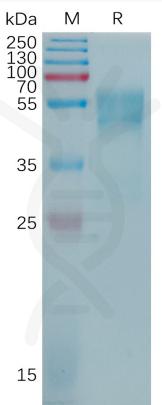
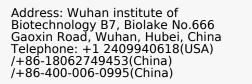


Figure 1. Human CD55 Protein, His Tag on SDS-PAGE under reducing condition.



Email: info@dimabio.com Website: www.dimabio.com

