

Active Recombinant Human DAF/CD55 Protein

Catalog No.: RP00975 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	1604	P08174

Tags

C-His

Synonyms

CR;CROM;DAF;TC

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is 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).

Basic Information

Description

Recombinant Human CD55/DAF Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Asp35-Ser353) of human CD55/DAF (Accession #NP_000565.1) fused with a 6xHis tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human DAF/CD55 at 0.5 μg/mL (100 μL/well) can bind Human CD97 with a linear range of 0.3-23.8 ng/mL.

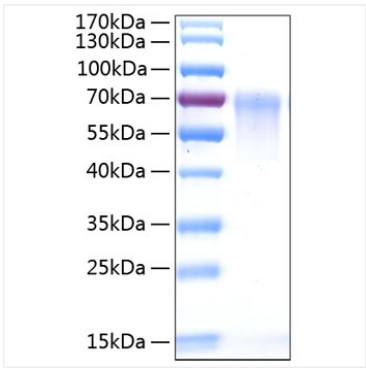
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

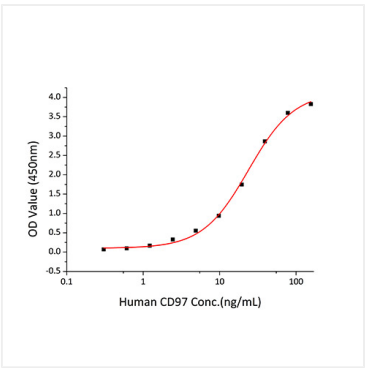
Contact

 | www.abclonal.com

Validation Data



Active Recombinant Human DAF/CD55 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55-70 kDa.



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