

Recombinant Human LFA-3/CD58 Protein

Catalog No.: RP00257

Sequence Information

Species **Gene ID**
Human 965

Swiss Prot **Tags**
AAH05930.1 C-hFc&His

Synonyms

CD58, LFA-3, LFA3, ag3, CD58 molecule, LFA-3, LFA3, ag3

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by SDS-PAGE.

Calculated MW **Observed MW**
48.25 kDa 65-100 kDa

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

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human LFA-3/CD58 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Phe 29 - Arg 215) of human CD58 (Accession #BC005930) fused with an Fc, 6×His tag at the C-terminus.

Activity

1. Measured by its binding ability in a functional ELISA. Immobilized Human CD2 at 2 μg/mL (100 μL/well) can bind Human CD58 with a linear range of 1.22-34.4 ng/mL.
2. Measured by its binding ability in a functional ELISA. Immobilized CD58 (LFA-3) Monoclonal Antibody at 1 μg/mL (25 μL/well) can bind Recombinant Human CD58 with a linear range of 0.5-6.4 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

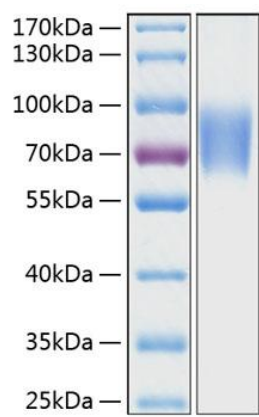
Contact

☎ | 400-999-6126

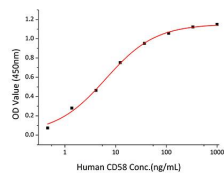
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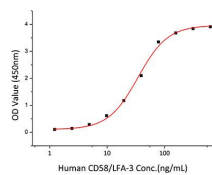
Validation Data



Recombinant Human LFA-3/CD58 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized CD58 (LFA-3) Monoclonal Antibody at 1 µg/mL (25 µL/well) can bind Recombinant Human CD58 with a linear range of 0.5–6.4 ng/mL.



Immobilized Human CD2 at 2 µg/mL (100 µL/well) can bind Human CD58 with a linear range of 1.22–34.4 ng/mL.