

Active Recombinant Human CD58 protein, hFc&His-tagged

Cat. No. CD58-1264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active 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.
Species	Human
Source	HEK293
ProteinLength	Phe 29 - Arg 215
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-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.
Molecular Mass	65-100 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term.

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After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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

GENE INFORMATION

Gene Name CD58 CD58 molecule [Homo sapiens]

Official Symbol CD58

Synonyms CD58; CD58 molecule; CD58 antigen, (lymphocyte function associated antigen 3) , LFA3; lymphocyte function-associated antigen 3; surface glycoprotein LFA-3; CD58 antigen, (lymphocyte function-associated antigen 3); ag3; LFA3; LFA-3; FLJ23181; FLJ43722;

Gene ID 965

mRNA Refseq NM_001144822

Protein Refseq NP_001138294

MIM 153420

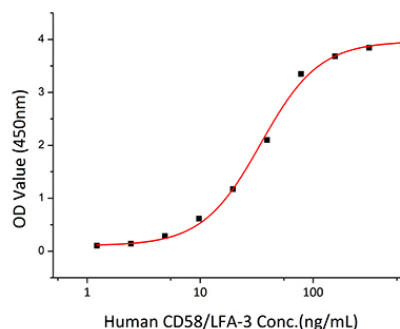
UniProt ID P19256

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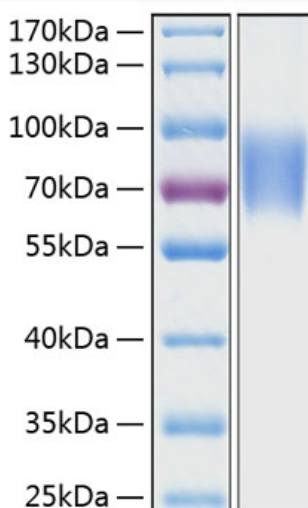
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Activity



SDS-PAGE



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