

## Active Recombinant Human CD58 protein, hFc&His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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, 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Phe 29 - Arg 215
<b>Form</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	65-100 kDa
<b>Endotoxin</b>	< 0.1 EU/µg of the protein by LAL method.
<b>Purity</b>	> 95% by SDS-PAGE.
<b>Storage</b>	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](#)

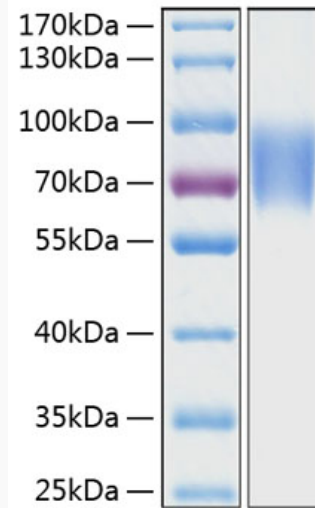
**UniProt ID** [P19256](#)

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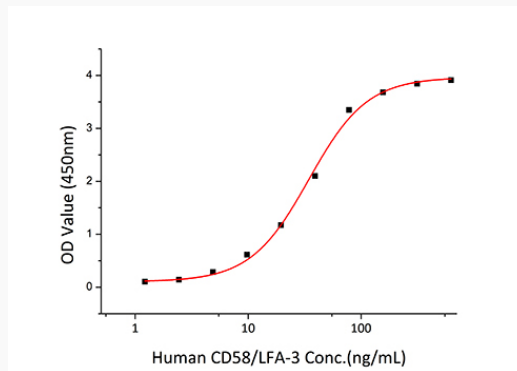
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**SDS-PAGE**



**Activity**



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