

## Recombinant Human CD58 molecule, His-tagged

Cat. No. CD58-682H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	CD58, 29-215aa Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	29-215 a.a.
<b>Description</b>	<p>CD58 is a member of the immunoglobulin superfamily. This protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. CD58 is localized to the plasma membrane. Alternatively spliced transcript variants have been described. Recombinant human CD58 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
<b>Form</b>	Liquid. In 20mM Phosphate buffer containing 10% glycerol
<b>Molecular Mass</b>	23.8kDa (210aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSFSQQIYG VVYGNVTFHV PSNVPLKEVL  WKKQKDKVAE LENSEFRAFS SFKNRVYLDV VSGSLTIYNL TSSDEDEYEM  ESPNITDTMK FFLYVLESLP SPTLTCALTN GSIEVQCMIP EHYNSHRGLI  MYSWDCPMEQ CKRNSTSIYF KMENDLPQKI QCTLSNPLFN TTSSILTTC  IPSSGHSRHR</p>
<b>Purity</b>	>90% by SDS - PAGE

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**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml (determined by Bradford assay)

## 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](#)

**Chromosome Location** 1p13

**Pathway** Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular

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wall, organism-specific biosystem; Hemostasis, organism-specific biosystem;

**Function**

protein binding;

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