

Recombinant Human CD58 molecule, His-tagged

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

SPECIFICATION

Product Overview	CD58, 29-215aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	29-215 a.a.
Description	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.
Form	Liquid. In 20mM Phosphate buffer containing 10% glycerol
Molecular Mass	23.8kDa (210aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSFSQQIYG VVYGNVTFHV PSNVPLKEVL WKKQKDKVAE LENSEFRAFS SFKNRVYLDV VSGSLTIYNL TSSDEDEYEM ESPNITDTMK FFLYVLESLP SPTLTALTN GSIEVQCMIP EHYNSHRGLI MYSWDCPMEQ CKRNSTSIYF KMENDLPQKI QCTLSNPLFN TTSSIILTTC IPSSGHSRHR
Purity	>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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