

Recombinant Human CD58 Protein, His-tagged

Cat. No. CD58-246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD58(26-524aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	26-524aa
Description	CD58, also known as lymphocyte function-associated antigen 3 isoform 1, is a cell adhesion molecule expressed on Antigen Presenting Cells (APC), particularly macrophages. It binds to CD2 (LFA-2) on T cells and is important in strengthening the adhesion between the T cells and Professional Antigen Presenting Cells. It is an important regulator of immune cell function which occurs as both surface-associated and soluble forms. It is associated with increased risk for multiple sclerosis.
Predicted N Terminal	Ala
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	22.5kDa (196aa) 28-40kDa (SDS-PAGE under reducing conditions)
AA Sequence	ADPFSQQIYG VVYGNVTFHV PSNVPLKEVL WKKQKDKVAE LENSEFRAFS SFKNRVYLDLT VSGSLTIYNL TSSDEDEYEM ESPNITDTMK FFLYVLESLP SPTLTCALTN GSIEVQCMIP EHYNSHRGLI MYSWDCPMEQ

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	CKRNSTSIYF KMENDLPQKI QCTLSNPLFN TTSSIILTTC IPSSGHSRHR HHHHHH
Purity	> 95% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Absorbance at 280nm)
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_001779
Protein Refseq	NP_001770
MIM	153420

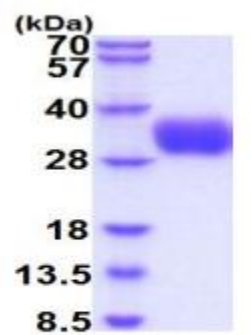
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UniProt ID

P19256



15% SDS-PAGE (3ug)

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