

## Recombinant Human CD58 Protein, His-tagged

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

### SPECIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Overview</b>     | Recombinant Human CD58(26-524aa) fused with His tag at C-terminal was expressed in Insect cells.   |
| <b>Species</b>              | Human  |
| <b>Source</b>               | Insect Cells   |
| <b>ProteinLength</b>        | 26-524aa   |
| <b>Description</b>          | 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. |
| <b>Predicted N Terminal</b> | Ala  |
| <b>Form</b>                 | Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.   |
| <b>Molecular Mass</b>       | 22.5kDa (196aa) 28-40kDa (SDS-PAGE under reducing conditions)  |
| <b>AA Sequence</b>          | ADPFSQQIYG VVYGNVTFHV PSNVPLKEVL WKKQKDKVAE LENSEFRAFS<br>SFKNRVYLDT VSGSLTIYNL TSSDEDEYEM ESPNITDTMK<br>FFLYVLES LP 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

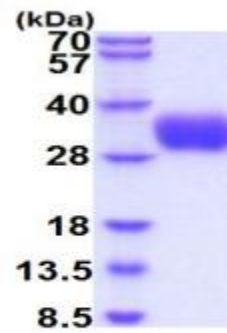
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UniProt ID

P19256



15% SDS-PAGE (3ug)

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