

## Recombinant Human CD58 Protein

**Cat. No.** CD58-0834H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CD58 full-length ORF (NP_001770.1) recombinant protein without tag.                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009] |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 28.1 kDa                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MVAGSDAGRALGVLSVVCLLHCFGFISCFSSQQIYGVVYGNVTFHVPSNVPLKEVLW<br>KKQKDKVAELENSEFRAFSSFKNRVYLDTVSGSLTIYNLTSSDEDEYEMESPNTDT<br>MKFFLYVLESLPSPTLTCALTNGSIEVQCMIPHEYNHRGLIMYSWDCPMEQCKRNS<br>TSIYFKMENDLPQKIQCTLSNPLFNTTSSIILTTCIPSSGHSRHRYSALIPPLAVITTCIVL<br>YMNGILKCDRKPDRNTSN                                                                |
| <b>Applications</b>     | Antibody Production<br>Functional Study<br>Compound Screening                                                                                                                                                                                                                                                                            |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Usage</b>            | Heating may cause protein aggregation. Please do not heat this product before electrophoresis.                                                                                                                                                             |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                   |
| <b>Storage Buffer</b>   | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                                                                                                                                                                                                            |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>        | CD58 CD58 molecule [ Homo sapiens ]                                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | CD58                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>         | 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; |
| <b>Gene ID</b>          | 965                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>      | NM_001144822                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>   | NP_001138294                                                                                                                                                                                                                                               |
| <b>MIM</b>              | 153420                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>       | P19256                                                                                                                                                                                                                                                     |

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