

## Recombinant Mouse Cd300lf protein, His & GST-tagged

**Cat. No.** Cd300lf-6884M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cd300lf aa. (Ser45~Ile310) fused with N-terminal His & GST tag was produced in E. coli cells.                                                                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ser45~Ile310                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 59kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Characteristic</b>   | The isoelectric point is 6.1.                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                          |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|                       |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Concentration</b>  | 200ug/mL                                                                                                   |
| <b>Storage buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.   |
| <b>Reconstitution</b> | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.           |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Cd300lf CD300 molecule like family member F [ Mus musculus (house mouse) ]                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | Cd300lf                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | CLM1; CLIM1; CLM-1; Digr2; IREM1; LMIR3; Pigr3; IgSF13; F730004D16Rik; CD300 antigen like family member F; CMRF-35-like molecule 1; DC-derived Ig-like receptor 2; MAIR-5; MAIR-V; leukocyte mono-Ig-like receptor 3; myeloid-associated immunoglobulin-like receptor 5; CMRF35-like molecule 1 |
| <b>Gene ID</b>         | 246746                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001169153.1                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_001162624.1                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | Q6SJJ7                                                                                                                                                                                                                                                                                          |

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