

## Recombinant Mouse Cd93 Protein, Myc/DDK-tagged

Cat. No. Cd93-2066M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length CD93 antigen (Cd93), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion. Marker for early multipotent hematopoietic precursor cells. May play a role in cell-cell interactions during hematopoietic and vascular development. |
| <b>Molecular Mass</b>   | 69.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                              |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Cd93 CD93 antigen [ Mus musculus (house mouse) ]

**Official Symbol** Cd93

**Synonyms**

Cd93; CD93 antigen; AA4; C1q; Ly6; C1qr; Ly68; AA4.1; C1qr1; C1qrp; AA145088; AW555904; 6030404G09Rik; complement component C1q receptor; C1q/MBL/SPA receptor; C1qR(p); cell surface antigen AA4; complement component 1, q subcomponent, receptor 1; ly-68; lymphocyte antigen 68

**Gene ID** 17064

**mRNA Refseq** NM\_010740

**Protein Refseq** NP\_034870

**UniProt ID** O89103

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