

## Recombinant Mouse Tnfrsf4 protein, Fc-tagged

**Cat. No.** Tnfrsf4-7400M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b>     | Recombinant Mouse Tnfrsf4 protein (Val20-Pro211) was fused to human IgG1 Fc tag at C-terminus and expressed in human 293 cells (HEK293).                                                                                                                                                                                             |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>        | Val20-Pro211                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>          | Tumor necrosis factor receptor superfamily member 4 (TNFRSF4) is also known as ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD antigen CD134, OX40. OX40/TNFRSF4 contains four TNFR-Cys repeats. TNFRSF4 is receptor for TNFSF4/OX40L/GP34 and can interacts with TRAF2, TRAF3 and TRAF5. |
| <b>Predicted N Terminal</b> | Val 20                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>                 | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>       | The protein has a calculated MW of 47.9 kDa. The protein migrates as 70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                                                                                                                                                            |
| <b>Endotoxin</b>            | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                                           |

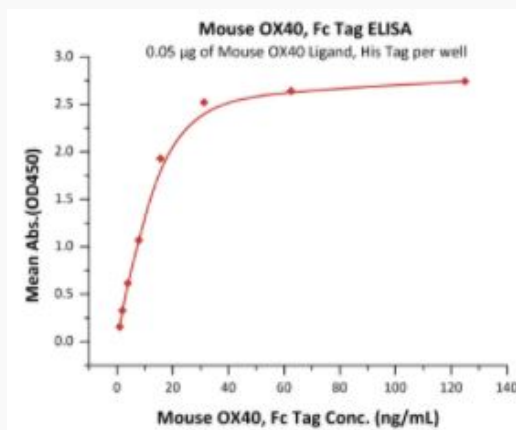
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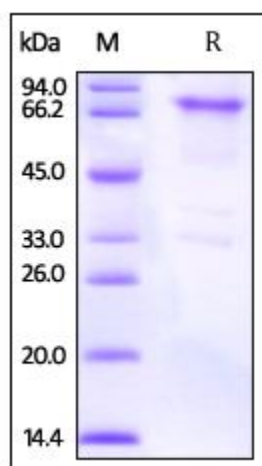
|                         |                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | <p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 to -70 centigrade for 12 months in lyophilized state;</p> <p>-70 centigrade for 3 months under sterile conditions after reconstitution.</p> |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>        | <a href="#">Tnfrsf4</a>                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | <a href="#">Tnfrsf4</a>                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>         | Ox40; ACT35; CD134; Ly-70; Txgp1; TXGP1L                                                                                                                                                                                                                                                                                                                        |
| <b>Gene ID</b>          | <a href="#">22163</a>                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>      | <a href="#">NM_011659.2</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | <a href="#">NP_035789.1</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>       | <a href="#">P47741</a>                                                                                                                                                                                                                                                                                                                                          |

### Bioactivity-ELISA of Tnfrsf4-7400M



Immobilized Mouse OX40 Ligand, His Tag at 0.5 µg/mL (100 µL/well) can bind Mouse OX40, Fc Tag with a linear range of 10-16 ng/mL.

### SDS-PAGE of Tnfrsf4-7400M



Mouse OX40, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.