

## Recombinant Rat TNFRSF4 Protein, Fc-tagged

**Cat. No.** TNFRSF4-685R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat TNFRSF4 protein with Fc tag was expressed in HEK293.                                                                                                                                                                                                                             |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 271                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Predicted to enable tumor necrosis factor-activated receptor activity. Involved in T cell proliferation. Located in cell surface. Human ortholog(s) of this gene implicated in immunodeficiency 16. Orthologous to human TNFRSF4 (TNF receptor superfamily member 4).                            |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 47.7 kDa                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MYVWVQQPTAFLLGLSLGVTVKLNCVKDTPSGHKCCRECQPGHGMVSRCDHTR<br>DTVCHPCEPGFYNEAVNYDTCKQCTQCNHRSGSELKQNCTPTEDTVCQCRPGTQ<br>PRQDSSHKLGVDVCPPGHHFSPGSNQACKPWTNCTLSGKQIRHPASNSLDTVCE<br>DRSLLATLLWETQRTTFRPTTVPTTVPSTTVWPRTSQLPSTPTLVAPEGPAFAVILGLGLGL<br>LAPLTVLLALYLLRKAWRSPNTPKPCWGNSFRTPIQEEQTDTHFTLAKI |
| <b>Purity</b>           | > 98%                                                                                                                                                                                                                                                                                            |

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|                       |                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | WB; ELISA; FACS; FC                                                                                                                                                                                                                                                         |
| <b>Stability</b>      | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.                                                                      |
| <b>Storage</b>        | At -20 centigrade.                                                                                                                                                                                                                                                          |
| <b>Concentration</b>  | 1 mg/mL                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b> | PBS (pH 7.4-7.5). Sterile-filtered colorless solution.                                                                                                                                                                                                                      |
| <b>Reconstitution</b> | Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |

## GENE INFORMATION

|                        |                                                                                    |
|------------------------|------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Tnfrsf4 tumor necrosis factor receptor superfamily, member 4 [ Rattus norvegicus ] |
| <b>Official Symbol</b> | TNFRSF4                                                                            |
| <b>Synonyms</b>        | TNFRSF4; tumor necrosis factor receptor superfamily, member 4;                     |
| <b>Gene ID</b>         | 25572                                                                              |
| <b>mRNA Refseq</b>     | NM_013049                                                                          |
| <b>Protein Refseq</b>  | NP_037181                                                                          |

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UniProt ID

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