

## Active Recombinant Rat TNFRSF17 protein, His-tagged

**Cat. No.** TNFRSF17-2921R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat TNFRSF17 protein(Met 1-Thr 49), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Met 1-Thr 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Bio-activity</b>     | Immobilized Human BAFF, Fc Tag, active trimer at 5 µg/mL (100 µL/well) can bind Rat BCMA, His Tag with a linear range of 0.039-0.625 µg/mL. Immobilized Rat BCMA, His Tag at 5 µg/mL (100 µL/well) can bind Anti-BCMA Neutralizing Antibody, Mouse IgG1 with a linear range of 0.2-5 ng/mL. Immobilized Rat BCMA, His Tag at 5 µg/mL (100 µL/well) can bind Mouse BAFF, Mouse IgG2a Fc Tag, low endotoxi with a linear range of 0.2-10 ng/mL. Immobilized Rat BCMA, His Tag at 5 µg/mL (100 µL/well) can bind Human APRIL, Fc Tag with a linear range of 0.2-5 ng/mL. |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 7.6 kDa. The protein migrates as 10-15 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                                                                                                                                                                                                                                                                                                                               |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>      | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                          |
| <b>Purity</b>         | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                     |
| <b>Storage</b>        | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                       |

## GENE INFORMATION

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Tnfrsf17 tumor necrosis factor receptor superfamily, member 17 [ Rattus norvegicus ]                                   |
| <b>Official Symbol</b> | TNFRSF17                                                                                                               |
| <b>Synonyms</b>        | TNFRSF17; tumor necrosis factor receptor superfamily, member 17; tumor necrosis factor receptor superfamily member 17; |
| <b>Gene ID</b>         | 287034                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001105761                                                                                                           |
| <b>Protein Refseq</b>  | NP_001099231                                                                                                           |

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