

# Active Recombinant Marmoset TNFRSF4 protein, His-tagged

**Cat. No.** TNFRSF4-340M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Product Overview</b> | Recombinant Marmoset TNFRSF4 protein(Leu 29 - Ala 214), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Marmoset                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Leu 29 - Ala 214                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Bio-activity</b>     | Immobilized Human OX40 Ligand, Fc Tag at 5 µg/mL (100 µL/well) can bind Marmoset OX40, His Tag with a linear range of 0.078-1.25 µg/mL. Immobilized Marmoset OX40, His Tag at 2 µg/mL (100 µL/well) can bind Rhesus macaque OX40 Ligand, Mouse IgG2a Fc Tag with a linear range of 0.2-3 ng/mL. Immobilized Marmoset OX40, His Tag at 1 µg/mL (100 µL/well) can bind Anti-OX40 Antibody, Human IgG2 with a linear range of 4-63 ng/mL. |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 21.8 kDa. The protein migrates as 42-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                                                                                                                                                                                               |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                        |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                       |

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