

## Recombinant Rhesus TNFRSF4 Protein, Fc-tagged

**Cat. No.** TNFRSF4-549R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus TNFRSF4 (XP_001090870.1) (Met1-Ala216) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala216
<b>Description</b>	OX40 (CD134) and its binding partner, OX40L (CD252), are members of the tumor necrosis factor receptor/tumor necrosis factor superfamily, is known to break an existing state of tolerance in malignancies, leading to a reactivation of antitumor immunity. The interaction between OX40 and OX40L plays an important role in antigen-specific T-cell expansion and survival. OX40 and OX40L also regulate cytokine production from T cells, antigen-presenting cells, natural killer cells, and natural killer T cells, and modulate cytokine receptor signaling. In line with these important modulatory functions, OX40-OX40L interactions have been found to play a central role in the development of multiple inflammatory and autoimmune diseases, making them attractive candidates for intervention in the clinic. Conversely, stimulating OX40 has shown it to be a candidate for therapeutic immunization strategies for cancer and infectious disease.
<b>Predicted N Terminal</b>	Leu 29
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and

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0.01% Tween80 are added as protectants before lyophilization.

**Molecular Mass**

The recombinant rhesus TNFRSF4 consists of 426 amino acids and predicts a molecular mass of 47 kDa.

**Endotoxin**

< 1.0 EU per µg protein as determined by the LAL method.

**Purity**

> 90 % as determined by SDS-PAGE.

**Storage**

Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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.

## GENE INFORMATION

**Official Symbol**

TNFRSF4

**Synonyms**

TNFRSF4; TNF receptor superfamily member 4; tumor necrosis factor receptor superfamily member 4; tumor necrosis factor receptor superfamily, member 4

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