

# Recombinant Human TNFRSF4 protein, C-His Tag, Biotinylated

## Product Information

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<b>Cat</b>	IMP-366
<b>Official Symbol</b>	TNFRSF4
<b>Product Overview</b>	<i>Biotinylated Recombinant Human TNFRSF4 protein (NP_003318.1) (Met1-Ala216) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.</i>
<b>Description</b>	<i>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.</i>
<b>Expression System</b>	HEK293
<b>Species</b>	Human
<b>Tag</b>	C-His Tag
<b>Predicted N Terminal</b>	Leu 29
<b>Form</b>	<i>Lyophilized from sterile PBS,pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.</i>
<b>Molecular Mass</b>	<i>The recombinant human TNFRSF4 consists of 199 amino acids and has a predicted molecular mass of 21.7 kDa.</i>
<b>Protein length</b>	Met1-Ala216
<b>Endotoxin</b>	<i>&lt; 1.0 EU per µg protein as determined by the LAL method.</i>
<b>Purity</b>	<i>&gt; 80 % as determined by SDS-PAGE</i>
<b>Storage</b>	<i>Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</i>

**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.*