

## Active Recombinant Mouse Tnfsf4 Protein (Gln49-Leu198), N-His tagged, Animal-free, Carrier-free

**Cat. No.** Tnfsf4-90M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tnfsf4 Protein (Gln49-Leu198) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln49-Leu198
<b>Description</b>	OX40L is a 16.86 kDa tumor necrosis factor family protein with 150 amino acid residues. OX40L is mainly expressed from lymphoid tissue, and promotes T-cell proliferation, survival, activation and cytokine production through receptor binding on the surface of T cells (OX40).
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to induce IL-2 secretion in mouse T cells in the presence of the anti-CD3 antibody. The ED50 for this effect is < 25 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 17.68 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Tnfsf4
<b>Synonyms</b>	TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tumor necrosis factor ligand superfamily member 4; OX40 ligand; atherosclerosis 1; tax-transcriptionally activated glycoprotein 1 ligand; Ath1; gp34; Ath-1; Ox40l; TXGP1; CD134L; OX-40L; Txgp1l;
<b>Gene ID</b>	22164
<b>mRNA Refseq</b>	NM_009452

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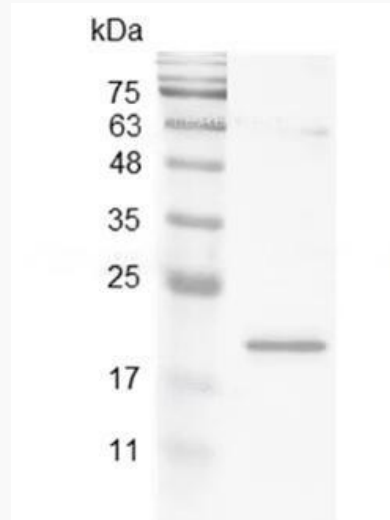
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**Protein Refseq** NP\_033478

**UniProt ID** P43488

**SDS-PAGE analysis  
of recombinant  
mouse OX40L.**



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