

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

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

SPECIFICATION

Product Overview	Recombinant Mouse Tnfsf4 Protein (Gln49-Leu198) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Gln49-Leu198
Description	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).
Form	Lyophilized
Bio-activity	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.
Molecular Mass	The protein has a calculated MW of 17.68 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% as determined by SDS-PAGE analysis.
Storage	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.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [Mus musculus (house mouse)]
Official Symbol	Tnfsf4
Synonyms	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;
Gene ID	22164
mRNA Refseq	NM_009452

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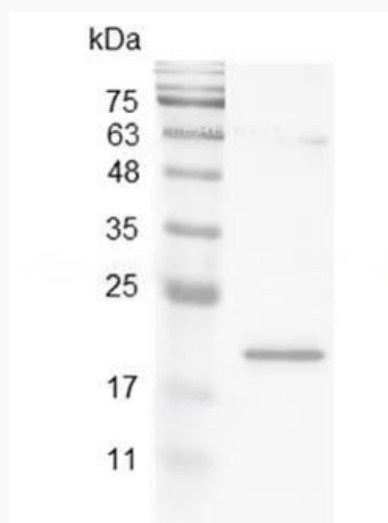
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Protein Refseq NP_033478

UniProt ID P43488

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



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