

Product datasheet for **TP728369**

Recombinant OX40L, Mouse

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant OX40L, Mouse
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	QLSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMENVQNNVWIKCDGLYIIYLKGSFFQEVKIDLHFR EDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVNAPDTLCEHLQINDGELIVVQLTPGYCAPEGSYHSTV NQVPL with polyhistidine tag at the N-terminus.
Tag:	His Tag (N-term)
Predicted MW:	The protein has a calculated MW of 17.68 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Purity:	>95% as determined by SDS-PAGE.
Buffer:	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4.
Bioactivity:	Measure by its ability to induce IL-2 secretion in mouse T cells in the presence of the anti-CD3 antibody. The ED ₅₀ for this effect is <25 ng/mL.
Endotoxin:	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution Method:	Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.
Applications:	Cell culture
Storage:	Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.
UniProt ID:	P43488
Synonyms:	TNFSF4,Ath, Ath-, Ath-1, Ath1, CD134, CD134L, OX-40L, OX4, TXGP1, Tnlg2b, Txgp, Txgp1l, gp3, gp34



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Summary:

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).

Product images:

SDS- PAGE analysis of recombinant mouse OX40L