

Product datasheet for TP728369S

OriGene Technologies, Inc.

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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:

QLSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKCDGLYIIYLKGSFFQEVKIDLHFR 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 ED₅o for this effect is <25 ng/mL.

Endotoxin: $< 0.1 \text{ EU per 1} \mu \text{g of the protein by the LAL method.}$

Reconstitution Method: Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the

lyophilized protein in sterile H_2O to a concentration not less than 100 $\mu g/mL$ 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-1, Ath-1, CD134, CD134L, OX-40L, OX4, TXGP1, Tnlg2b, Txgp, Txgp1l, gp3,

gp34

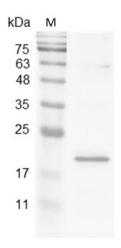




Summary:

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