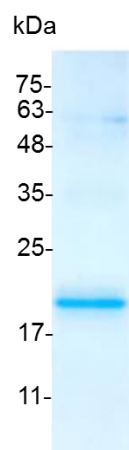


PRODUCT INFORMATION

OX40L, Mouse

v. 231101

Catalog number	C02051-5UG / C02051-20UG / C02051-100UG
Package	5 µg / 20 µg / 100 µg
Description	OX40L, a member of the TNF superfamily of structurally related proteins, exists primarily as a type II membrane bound, non-covalently linked homotrimeric protein. The OX40L is stably expressed on many antigen-presenting cells, such as activated B cells, mature dendritic cells, Langerhans cells, and macrophages. Interactions between OX40 and OX40L can regulate the division and survival of T cells. Its inhibition effect can make the effector T cells converting into regulatory T cells (Tregs) and promote the recall response in memory T cells.
Source	<i>Escherichia coli</i>
Sequence	QLSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKCDGLY IYLYKGSFFQEVKIDLHFREDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVNAP DTLCEHLQINDGELIVVQLTPGYCAPEGSYHSTVNQVPL with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	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.
Purity	>95% as determined by SDS-PAGE.
Form	Lyophilized
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.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> • -20°C for 12 months in lyophilized state from date of receipt. • -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant mouse OX40L

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