

Mouse OX40 Ligand/TNFSF4 Protein

Cat. No. OXL-MM240

Description

Source	Recombinant Mouse OX40 Ligand/TNFSF4 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Ser51-Leu198.
Accession	P43488
Molecular Weight	The protein has a predicted MW of 42.6 kDa. Due to glycosylation, the protein migrates to 52-56 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

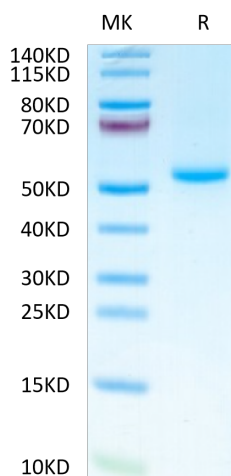
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Tumor necrosis factor ligand superfamily member 4 (TNFSF4) is also known as glycoprotein Gp34, OX40 ligand (OX40L), which belongs to the tumor necrosis factor family. It is expressed on such cells as DC2s (a subtype of dendritic cells) enabling amplification of Th2 cell differentiation.

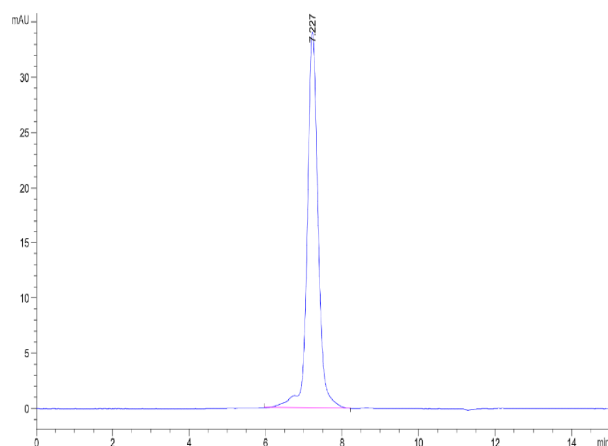
Assay Data

Tris-Bis PAGE



Mouse OX40 Ligand on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



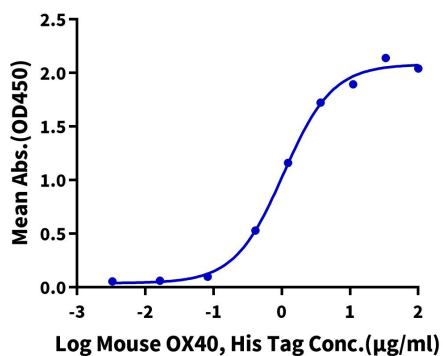
The purity of Mouse OX40 Ligand is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Mouse OX40, His Tag ELISA

0.5µg Mouse OX40 Ligand, hFc Tag Per Well



Immobilized Mouse OX-40 Ligand, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Mouse OX40, His Tag with the EC50 of 1.06µg/ml determined by ELISA.