Human OX40 Ligand/TNFSF4 Trimer Protein

Cat. No. OXL-HM140

Description

Source	Recombinant Human OX40 Ligand/TNFSF4 Trimer Protein is expressed from HEK293 with His tag and Flag tag at the N-Terminus.
	It contains Gln51-Leu183.
Accession	P23510-1
Molecular Weight	The protein has a predicted MW of 49.7 kDa. Due to glycosylation, the protein migrates to 65-140 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE

Formulation and Storage

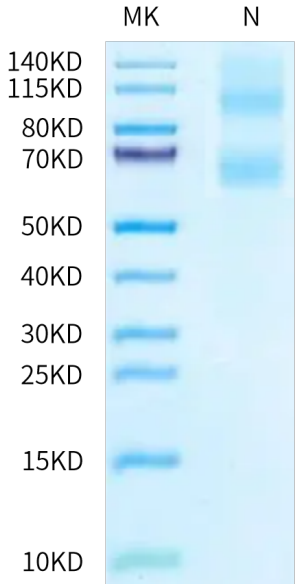
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months 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

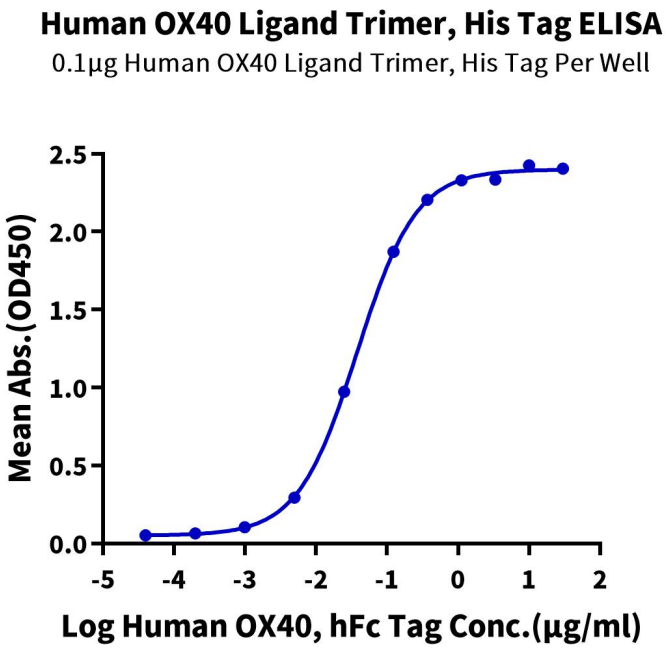
Bis-Tris PAGE



Human OX40 Ligand Trimer on Bis-Tris PAGE under Non reducing (N) condition. The purity is greater than 90%.

ELISA Data

Assay Data



Immobilized Human OX40 Ligand Trimer, His Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Human OX40, hFc Tag with the EC50 of 37.7ng/ml determined by ELISA.