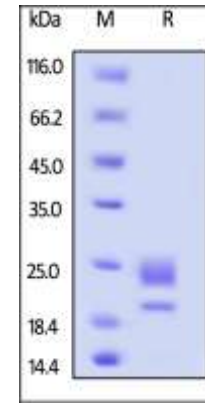


# Human CellExp™ OX40 Ligand / TNFSF4, Mouse Recombinant

<b>CATALOG NO:</b>	P1232-10	10 µg
<b>ALTERNATE NAMES:</b>	OX40L, TNFSF4, CD252, Glycoprotein Gp34, TXGP1	
<b>SOURCE:</b>	HEK 293 cells (Gln 49 - Leu 198)	
<b>PURITY:</b>	> 90% by SDS – PAGE	
<b>MOL. WEIGHT:</b>	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 18.3 kDa. The protein migrates as 20 kDa and 22-25 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.	
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1µg of protein (determined by LAL method)	
<b>FORM:</b>	Lyophilized	
<b>FORMULATION:</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.	
<b>STORAGE CONDITIONS:</b>	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.	
<b>RECONSTITUTION:</b>	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. Do not vortex. This solution can be stored at 2-8°C for up to 1 month.	
<b>DESCRIPTION:</b>	Members of the dickkopf-related protein family (DKK-1, -2, -3, and -4) are secreted proteins with two cysteine-rich domains separated by a linker region. And DKK3 has been proposed as tumour suppressor gene and a marker for tumour blood vessels. DKK3 is the only DKK family member abundantly expressed in normal lung, but silenced by promoter hypermethylation in a large fraction of lung cancer cell lines and lung tumors. Downregulation of DKK3 was correlated with tumor progression and expression of nuclear beta-catenin in lung tumors. Ectopic expression of DKK3 in lung cancer cells with DKK3 hypermethylation induced apoptosis and inhibited TCF-4 activity as well as nuclear accumulation of beta-catenin and expression of TCF-4 targets c-Myc and cyclin D1. DKK3 modulates FGF and Activin/Nodal signaling to regulate mesoderm induction during early Xenopus development, was reported.	
<b>SPECIFIC ACTIVITY:</b>	Immobilized Mouse OX40, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse OX40 Ligand, His Tag with a linear range of 0.5-16	

A



B

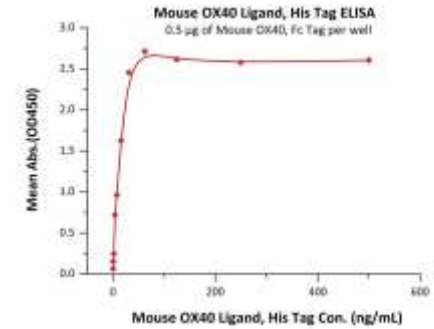


Fig. A. Mouse OX40 Ligand, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue.

Fig. B. Immobilized Mouse OX40, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse OX40 Ligand, His Tag with a linear range of 0.5-16 ng/mL

## RELATED PRODUCT:

- Human CellExp™ TNFRSF10B /TRAILR2, human recombinant (Cat. No. 7448-10)
- Human CellExp™ CD155, human recombinant (Cat. No. 7462-10, -50)
- Human CellExp™ CD160/BY55, human recombinant (Cat. No. 7386-10, -50)
- Human CellExp™ CD166/ALCAM, human recombinant (Cat. No. 7437-10, -50)
- Human CellExp™ CD172A /SIRP, human recombinant (Cat. No. 7506-10, -50)
- Human CellExp™ CD33 /SIGLEC-3, human recombinant (Cat. No. 7370-10, -50)
- Human CellExp™ CD47, human recombinant (Cat. No. 7385-10, -50)
- Human CellExp™ CD55/DAF, human recombinant (Cat. No. 7432-10, -50)
- Human CellExp™ CD58 /LFA-3, human recombinant (Cat. No. 7427-10, -50)
- Human CellExp™ CD62E/E-Selectin, human recombinant (Cat. No. 7434-20, -100)
- Human CellExp™ CD71 /TFRC /TFR, human recombinant (Cat. No. 7279-10, -50)
- Human CellExp™ CD273, human recombinant (Cat. No. 7369-10, -50)
- Human CellExp™ CD36, human recombinant (Cat. No. 7371-10, -50)
- Human CellExp™ CD87, human recombinant (Cat. No. 7372-20, -100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**