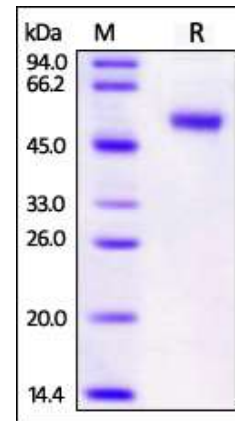
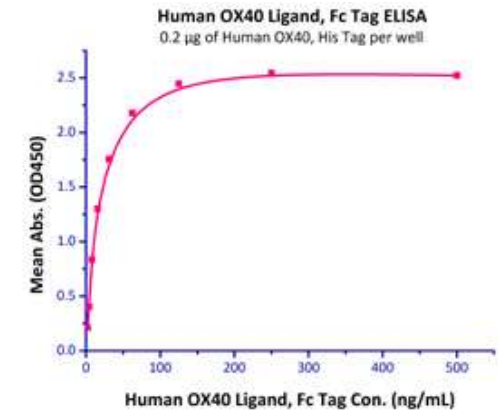


Human CellExp™ OX40 Ligand / TNFSF4, Human recombinant

CATALOG NO:	9244-10	10 µg
	9244-50	50 µg
ALTERNATE NAMES:	OX40L, TNFSF4, CD252	
SOURCE:	HEK 293 cells (Gln 51 - Leu 183)	
PURITY:	> 95% by SDS-PAGE	
MOL. WEIGHT:	This protein is fused with human IgG1 Fc tag at N terminus and the protein has a calculated MW of 42.9 kDa. The predicted N-terminus is Pro. The protein migrates as 53 kDa in SDS-PAGE under reducing conditions due to glycosylation.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.	
DESCRIPTION:	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.	
BIOLOGICAL ACTIVITY:	Immobilized HumanOX40, His Tag at 2 µg/ml (100 µl/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 2-15	



Human OX40 Ligand, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



Immobilized HumanOX40, His Tag at 2 µg/ml (100 µl/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 2-15 ng/ml.

RELATED PRODUCT:

- Human CellExp™ CCL6, mouse recombinant (Cat. No. 7226-10, -50)
- 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.