

TNFSF4

Recombinant Mouse Multimeric OX40L

Catalog No.	CRM031	Quantity:	10 µg
Alternate Names:	Ath-1, Ath1, CD134L, OX-40L, Ox40l, TXGP1, Txgp1l, gp34		
Description:	<p>OX40L (CD252, CD134L) is a membrane-expressed cytokine that belongs to the TNF ligand family. It acts as a costimulator through interaction with its ligand OX40 on T cells, stimulating T cell activation, proliferation and cytokine production. OX40L is expressed on antigen presenting cells including B cells, dendritic cells, mast cells and endothelium. Multimeric OX40L is a high activity construct in which two trimeric OX40L ligands are artificially linked via the collagen domain of mouse ACRP30. This construct very effectively activates T cell proliferation.</p> <p>Mouse OX40L aa 52-199 is fused at the N-terminus to mouse collagen domain of ACRP30 (aa18-111) and a FLAG tag.</p>		
Concentration:	0.1 mg/ml after reconstitution		
Gene ID:	Mouse OX40L: 22164; Mouse ACRP30 (adiponectin): 11450		
Protein Accession No:	Mouse OX40L: P43488; Mouse ACRP30 (adiponectin): Q60994		
Source:	HEK 293 cells		
Molecular Weight:	~34 kDa by SDS-PAGE		
Formulation:	Lyophilized solution containing PBS.		
Purity:	≥90% (SDS-PAGE)		
Endotoxin Level:	<0.01 EU/µg purified protein as determined by LAL test (Lonza).		
Specificity:	Binds to human and mouse OX40 (CD134).		
Biological Activity:	Activates T cell proliferation.		
Amino Acid Sequence:	FLAG tag + mouse collagen domain of ACRP30 (aa 18-111) + Mouse OX40L (aa 52-199)		
Reconstitution:	Reconstitute with 100µl sterile water.		
Storage & Stability:	Store at 4°C upon arrival and at -20°C for long term. Lyophilized product is stable for at least 6 months after receipt when stored at -20°C. After reconstitution, prepare aliquots and store at -20°C. PBS containing at least 0.1% BSA should be used for further dilutions. Avoid repeated freeze-thaw cycles.		

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