

Active Recombinant Mouse Tnfsf4, FLAG-tagged

Cat. No. Tnfsf4-407M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse OX40L (aa 52-199) is fused at the N-terminus to mouse ACRP30headless (aa 18-111) and a FLAG-tag.
Species	Mouse
Source	HEK293
ProteinLength	52-199;18-111 a.a.
Description	OX40L [CD252; CD134L] is a membrane-expressed cytokine that belongs to the TNF ligand family. It acts as 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. MegaOX40L is a high activity construct in which two trimeric OX40L ligands are artificially linked via the collagen domain of ACRP30. This construct very effectively activates T cell proliferation.
Form	Lyophilized. Contains PBS.
Bio-activity	Activates T cell proliferation.
Molecular Mass	~40kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.
Concentration	0.1mg/ml after reconstitution.

GENE INFORMATION

Gene Name	Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [<i>Mus musculus</i>]
Official Symbol	Tnfsf4
Synonyms	TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tumor necrosis factor ligand superfamily member 4; OX40 ligand; atherosclerosis 1; tax-transcriptionally activated glycoprotein 1 ligand; Ath1; gp34; Ath-1; Ox40l; TXGP1; CD134L; OX-40L; Txgp1l;
Gene ID	22164
mRNA Refseq	NM_009452
Protein Refseq	NP_033478
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cytokine activity; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding; tumor necrosis factor receptor superfamily binding;

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