

Datasheet for ABIN1344408  
**TNFSF4 Protein (AA 18-111, Extracellular Domain)**  
**(DYKDDDDK Tag)**



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1 Publication

## Overview

Quantity:	10 µg
Target:	TNFSF4
Protein Characteristics:	AA 18-111, Extracellular Domain
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF4 protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

## Product Details

Brand:	MegaOX40L™
Specificity:	Binds to human and mouse OX40 [CD134].
Cross-Reactivity:	Human, Mouse (Murine)
Characteristics:	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.
Purity:	>90 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

## Target Details

Target:	TNFSF4
Alternative Name:	MegaOX40L ( <a href="#">TNFSF4 Products</a> )
Background:	OX40L 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. MultimericOX40L 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.
Molecular Weight:	~40kDa (SDS-PAGE)
UniProt:	<a href="#">P43488</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Activated T Cell Proliferation</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Activates T cell proliferation.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months

## Publications

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Product cited in: Di Maro, Salerno, Unger, Orlandella, Monaco, Chiappetta, Thomas, Oczko-Wojciechowska, Masullo, Jarzab, Santoro, Salvatore: "Anterior gradient protein 2 promotes survival, migration and invasion of papillary thyroid carcinoma cells." in: **Molecular cancer**, Vol. 13, pp. 160, (2014) ([PubMed](#)).