

Bioactive

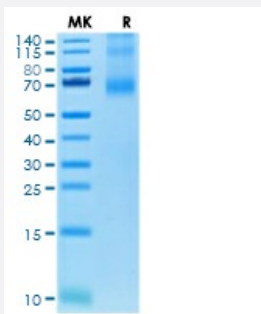
HuPro®

TNFSF4 (Human) Recombinant Protein

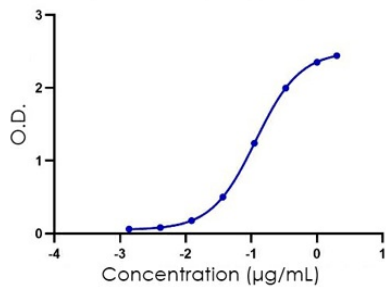
Catalog # P7656

Size 100 ug

Applications



Human OX40L(Trimer), His Tag ELISA
0.1µg Human OX40L(Trimer), His Tag Per Well



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human TNFSF4 (P23510, 51 a.a. - 183 a.a.) partial recombinant protein with His-Flag tag at N-terminus expressed in Expi293 cells.

Sequence

QVSHRYPRIQSIKVVQFTEYKKEKGFIILTSQKEDEIMKVQNNSVIINCDFYLLISLKGYSQEVNLSLHY
QKDEEPLFQLKKVRSVNSLMVASLTYKDKVYLVNVTDDNTSLDDFHVNGGELILHQNPGEFCVL

Host

Mammals

Theoretical MW (kDa)

65-140

Form

Lyophilized

Preparation Method

Mammalian cell (Expi293) expression system

Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Immobilized Human OX40L (Trimer), His & Flag Tag at 1.0 ug/mL (100 uL/Well). Dose response curve for Human OX40, hFc Tag with the EC ₅₀ of 0.09 ug/mL determined by ELISA.
Quality Control Testing	SDS-PAGE under reducing condition
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — TNFSF4

Entrez GeneID	7292
Protein Accession#	P23510
Gene Name	TNFSF4
Gene Alias	CD134L, CD252, GP34, OX-40L, OX40L, TXGP1
Gene Description	tumor necrosis factor (ligand) superfamily, member 4
Omim ID	603594 608446
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF4/OX4. It is found to be involved in T cell antigen-presenting cell (APC) interactions. In surface Ig- and CD40-stimulated B cells, this cytokine along with CD70 has been shown to provide CD28-independent costimulatory signals to T cells. This protein and its receptor are reported to directly mediate adhesion of activated T cells to vascular endothelial cells. [provided by RefSeq]

Other Designations

CD134 ligand|OTTHUMP00000032704|OX40 antigen ligand|OX40 ligand|glycoprotein 34 kd|tax-transcriptionally activated glycoprotein 1 (34kD)

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Infarction](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)

- [Multiple Myeloma](#)
- [Myocardial Infarction](#)
- [Narcolepsy](#)
- [Occupational Diseases](#)
- [Scleroderma](#)
- [Stroke](#)
- [Thrombosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)