

Proteoliposomes

Full-Length

TNFSF4 (Human) Recombinant Protein

Catalog # H00007292-G01

Size 10 ug

Specification

Product Description	Human TNFSF4 full-length ORF (NP_003317.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MERVQPLEENVGNAARPRFERNKLLLVASVIQGLGLLCFTYICLHFSALQVSHRYPRIQSIKVQFT EYKKEKGFILTSQKEDEIMKVQNNSVIINCDFYLISLKGYSQEVNISLHYQKDEEPLFQLKKVRSV NSLMVASLTYKDKVYLNVTDDNTSLDDFHVNGGELILHQNPGEFCVL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	21.1
Interspecies Antigen Sequence	Rat (46)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — TNFSF4

Entrez GeneID [7292](#)

GeneBank Accession# [NM_003326.2](#)

Protein Accession# [NP_003317.1](#)

Gene Name TNFSF4

Gene Alias CD134L, CD252, GP34, OX-40L, OX4OL, 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) lig and 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 cytokin e 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 vas cular 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](#)