

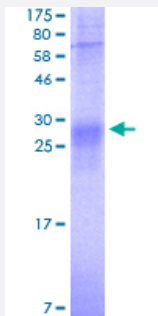
HuPro®

TNFSF4 (Human) Recombinant Protein

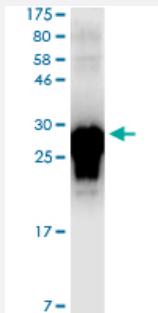
Catalog # H00007292-H01

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified TNFSF4 (NP_003317.1, 52 a.a. - 183 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293T cells
Sequence	VSHRYPRIQSIKVQFTEYKKEKGFIILTSQKEDEIMKVQNNSVIINCDFYLIISLKGYSQEVNISLHYQ KDEEPLFQLKKVRSVNSLMVASLTYKDKVYLVNTDNTSLDDFHVNGGELILIHQNPGEFCVL
Host	Human
Theoretical MW (kDa)	19.8
Interspecies Antigen Sequence	Rat (46)

Form	Liquid
Preparation Method	Transfection of pSuper-TNFSF4 plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

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, 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](#)