

Bioactive

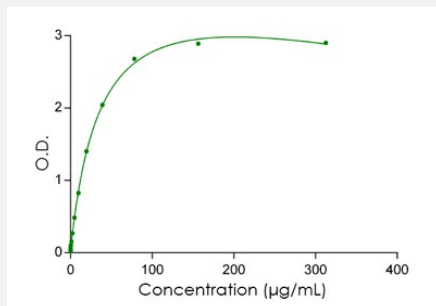
HuPro®

TNFRSF4 (Human) Recombinant Protein

Catalog # P7587

Size 1 mg

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human TNFRSF4 (P43489, 29 a.a. - 216 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

Sequence

LHCVGDTYPSNDRCCHECRPGNGMVSRCRSRQNTVCRPCGPGFYNDVVSSKPCKPCTWCNLR
SGSERKQLCTATQDTCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQACKPWTNCTLAGK
HTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQGPSTRPVEVPGGRAVA

Host

Mammals

Theoretical MW (kDa)

40-45

Form

Lyophilized

Preparation Method

Mammalian cell (HEK293) expression system

Purity

> 95% by SDS-PAGE

Endotoxin Level

< 0.2 EU per 1 ug of protein (determined by gel clotting method)

Activity

Immobilized OX40 His, human at 2.0 ug/mL (100 uL/well) can bind Biotin-OX40L His, Human when detected by Streptavidin-HRP.

Storage Buffer

Lyophilized from sterile distilled Water up to 100 ug/mL

Storage Instruction

Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -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 — TNFRSF4

Entrez GeneID[7293](#)**Protein Accession#**[P43489](#)**Gene Name**

TNFRSF4

Gene Alias

ACT35, CD134, OX40, TXGP1L

Gene Description

tumor necrosis factor receptor superfamily, member 4

Omim ID[600315](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq]

Other Designations

ATC35 antigen|CD134 antigen|OTTHUMP00000001522|OX40 antigen|OX40 cell surface antigen|OX40 homologue|lymphoid activation antigen ACT35|tax-transcriptionally activated glycoprotein 1 receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
- [Myocardial Infarction](#)