

Bioactive

TNFRSF4 (Human) Recombinant Protein

Catalog # P9249

Size 2 x 10 ug

Specification

Product Description	Human TNFRSF4 partial recombinant protein with His tag in C-terminus expressed in Baculovirus cells.
Sequence	LHCVGDTPSNDRCCHCRPGNGMVSRCRSRQNTVCRPCGPGFYNDVVSSKPCKPCTWCNLR SGSERKQLCTATQDTVCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQACKPWTNCTLAGK HTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQGPSTRPVEVPGGRALE PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRE PQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKL TVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH
Host	Escherichia coli
Theoretical MW (kDa)	46.9
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Activity	ED ₅₀ ≤ 0.15 ug/mL, measured by the binding ability in a functional ELISA with mouse OX40 Ligand/TNFSF4.
Storage Buffer	Solution (0.5 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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](#)