

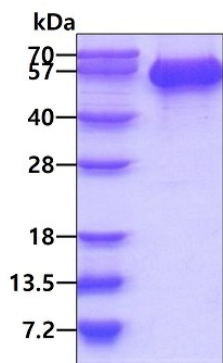
Bioactive

TNFRSF4 (Human) Recombinant Protein

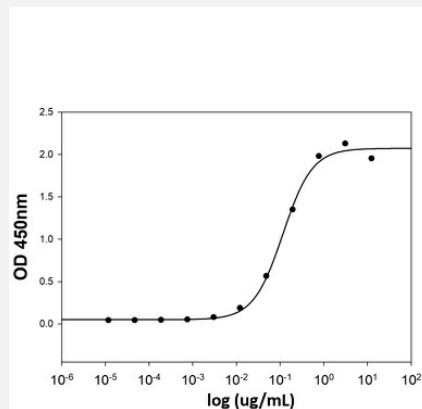
Catalog # P7875

Size 500 ug

Applications



SDS-PAGE analysis of TNFRSF4 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human TNFRSF4 (P43489, 29 a.a. - 214 a.a.) partial recombinant protein with hlgG-His tag expressed in Baculovirus.

Sequence	LHCVGDTYPSNDRCCHECRPGNGMVSRCRSRQNTVCRPCGPGFYNDVVSSKPCKPCTWCNLR SGSERKQLCTATQDTVCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQACKPWTNCTLAGK HTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQQGPSTRPVEVPGGRALE PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRE PQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKL TVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHHH
Host	Viruses
Theoretical MW (kDa)	46.9
Form	Liquid
Preparation Method	Baculovirus expression system
Purity	> 90% as analyzed by SDS-PAGE.
Endotoxin Level	< 1 EU/ug of protein by the LAL method.
Activity	ED ₅₀ < 0.15 ug/mL, measured by the binding ability in a functional ELISA with mouse OX40 Ligand/ TNFSF4.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of TNFRSF4 (Human) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol)
Storage Instruction	Store at 4°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 activity analysis Result of activity 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](#)