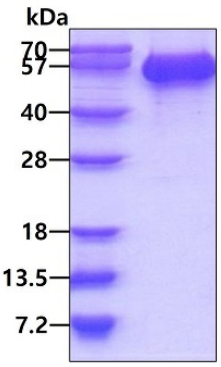
Bioactive

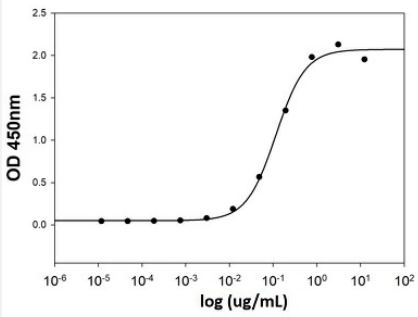
TNFRSF4 (Human) Recombinant Protein

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 hIgG-His tag expressed in Baculovirus.

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Sequence	LHCVGDTYPSNDRCCHECRPGNGMVSRCSRSQNTVCRPCGPGFYNDVVSSKPCKPCTWCNLR SGSERKQLCTATQDTVCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQACKPWTNCTLAGK HTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQGPSTRPVEVPGGRALE PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRE PQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKL TVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH
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

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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 BCL2IL1/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 antigene 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

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