

Recombinant Human TNFRSF4, Fc-tagged

Cat. No. TNFRSF4-27215TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 26-207 of Human CD134 / OX40 , fused to the Fc region of Human IgG1 expressed in modified Human 293 cells, 55 and 65 kDa.
Species	Human
ProteinLength	26-207 a.a.
Description	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.
Conjugation	Fc
Form	Lyophilised:It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Trehalose, 1% Human serum albumin, PBS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	Theoretical sequence:LHCVGDTYPSNDRCCHECRPGNGMVSRCRS RSQNTVCRPC GPGFYNDVSSKPCCKPCTWCNLRSGSER KQLCTATQDTVCRCRAGTQPLDSYKP GVDCAPCPPGHFSP GDNQACKPWTNCTLAGKHTLQPASNSSDAICEDRDPPA TQ PQETQGPPARPITVQPTEAWPRTSQGPSTRPVGIPK VDKKVEPKSCDKTHTCPPCP APELLGGPSVFLFPPKPKDT LMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN AK TKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCRVSNK ALPAPIEKTISKAKGQ PREPQVYTLPPSRDELTKNQVSLT CLVKGFYPSDIAVEWESNGQPENNYKTTTPVL DSDGSF FLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLS LSPGK
Sequence Similarities	Contains 4 TNFR-Cys repeats.
GENE INFORMATION	
Gene Name	TNFRSF4 tumor necrosis factor receptor superfamily, member 4 [Homo sapiens]
Official Symbol	TNFRSF4
Synonyms	TNFRSF4; tumor necrosis factor receptor superfamily, member 4; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35; CD134; OX40;
Gene ID	7293
mRNA Refseq	NM_003327
Protein Refseq	NP_003318
MIM	600315

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Uniprot ID	P43489
Chromosome Location	1p36
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;
Function	binding; receptor activity; tumor necrosis factor-activated receptor activity;

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