

Active Recombinant Human TNFRSF4, Fc-tagged, Biotinylated

Cat. No. TNFRSF4-659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human OX40-Fc fusion is expressed as a 414 amino acid protein consisting of Leu29 - Ala214 region of OX40 (UniProt accession #P43489) and a C-terminal Fc from human IgG1, which exists as a dimer/tetramer under non-reducing conditions
Source	Human cells
Species	Human
Tag	Fc
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to OX40 ligand and anti-OX40/CD134 monoclonal antibodies with high affinity by ELISA. Blocks OX40 Ligand-induced signaling activity.
Molecular Mass	Calculated molecular mass (kDa): 45.5; Estimated by SDS-PAGE under reducing condition (kDa): ~65
AA Sequence	LHCVGDTYPSNDRCCHECRPGNGMV SRCRSQNTVCRPCGPGFYNDVVSS KPCCKPCTWCNLRSGSERKQLCTAT QDTVCRCRAGTQPLDSYKPGVDCAP CPPGHFSPGDNQACKPWTNCTLAGK HTLQPASNSSDAICEDRDPATQP QETQGPPARPITVQPTEAWPRTSQG PSTRPVEVPGGRASTGTHTCPPCPA PELLGGPSVFLFPPKPKDTLMISR TPEVTCVVVDVSHEDPEVKFNWYVD

 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

GVEVHNAKTKPREEQYNSTYRVVSV LTVLHQDWLNGKEYKCKVSNKAL
 PAPIEKTISKAKGQPREPQVYTLPP SREEMTKNQVSLTCLVKGFYPSDIA
 VEWESNGQPENNYKTTTPVLDSDG SFFLYSKLTVDKSRWQQGNVFCSSV
 MHEALHNHYTQKSLSLSPGK

Endotoxin <0.1 eu per 1 µg of purified recombinant protein determined by the lal>

Purity >95% judged by SDS-PAGE under reducing condition

Storage The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

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; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigen ACT35; TAX transcriptionally-activated glycoprotein 1 receptor; tax-transcriptionally activated glycoprotein 1 receptor;

Gene ID 7293

mRNA Refseq NM_003327

 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

Protein Refseq	NP_003318
MIM	600315
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;

 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