

Active Recombinant Human TNFSF4 protein, Fc-tagged

Cat. No. TNFSF4-0589H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human TNFSF4 protein(Gln51-Leu183), fused with Fc tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 51-183 a.a. |
| Form | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization. |
| Bio-activity | <p>Immobilized Human OX40 Protein, His Tag (MALS verified) at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 0.1-1 ng/mL.</p> <p>Immobilized Cynomolgus / Rhesus macaque OX40, His Tag at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 0.2-3 ng/mL.</p> <p>Immobilized Biotinylated Human OX40, Avitag, His Tag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human OX40 Ligand, Fc Tag with a linear range of 0.1-0.4 ng/mL.</p> |
| Molecular Mass | Molecular Characterization This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 74.0 kDa. The protein migrates as 130-210 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation. |

 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

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Proteinlength | Gln51-Leu183 |
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |
| Purity | >90% as determined by SDS-PAGE.>90% as determined by SEC-MALS. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

GENE INFORMATION

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| Gene Name | TNFSF4 tumor necrosis factor (ligand) superfamily, member 4 [Homo sapiens] |
| Official Symbol | TNFSF4 |
| Synonyms | TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tax transcriptionally activated glycoprotein 1, 34kD , TXGP1; tumor necrosis factor ligand superfamily member 4; CD252; gp34; OX 40L; OX40L; CD134 ligand; glycoprotein Gp34; OX40 antigen ligand; TAX transcriptionally-activated glycoprotein 1; tax-transcriptionally activated glycoprotein 1 (34kD); GP34; OX4OL; TXGP1; CD134L; OX-40L; |
| Gene ID | 7292 |
| mRNA Refseq | NM_003326 |
| Protein Refseq | NP_003317 |
| MIM | 603594 |

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UniProt ID

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