

Recombinant Human TNFRSF4 Protein, His-tagged, FITC conjugated

Cat. No. TNFRSF4-3247HF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------------------|---|
| Product Overview | FITC conjugated recombinant human TNFRSF4 protein (Leu29-Ala216) was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293). |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Leu29-Ala216 |
| Description | Tumor necrosis factor receptor superfamily member 4 (TNFRSF4) is also known as ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD antigen CD134, OX40. OX40/TNFRSF4 contains four TNFR-Cys repeats. TNFRSF4 is receptor for TNFSF4/OX40L/GP34 and can interact with TRAF2, TRAF3 and TRAF5. |
| Form | Lyophilized |
| Molecular Mass | The protein has a calculated MW of 22.0 kDa. The protein migrates as 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| N-terminal Sequence Analysis | Leu 29 |
| Endotoxin | < 1.0 EU/ µg by the LAL method. |

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|-------------------------|---|
| Purity | > 90 % as determined by SDS-PAGE |
| Characteristic | <p>Disulfide-linked homodimer</p> <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p> |
| Storage | <p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 to -70 centigrade for 12 months in lyophilized state;</p> <p>-70 centigrade for 3 months under sterile conditions after reconstitution.</p> |
| Storage Buffer | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | FITC |
| GENE INFORMATION | |
| Gene Name | TNFRSF4 |
| Official Symbol | TNFRSF4 |
| Synonyms | OX40; ACT35; CD134; IMD16; TXGP1L |

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|----------------|-----------|
| Gene ID | 7293 |
| mRNA Refseq | NM_003327 |
| Protein Refseq | NP_003318 |
| MIM | 600315 |
| UniProt ID | P43489 |

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