

Recombinant Human TNFRSF4 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. TNFRSF4-3247HAF647 Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 647 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 | Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm |
| Storage | For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. |
| 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 | Alexa Fluor 647 |

GENE INFORMATION

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|------------------------|-----------------------------------|
| Gene Name | TNFRSF4 |
| Official Symbol | TNFRSF4 |
| Synonyms | OX40; ACT35; CD134; IMD16; TXGP1L |
| Gene ID | 7293 |

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| mRNA Refseq | NM_003327 |
| Protein Refseq | NP_003318 |
| MIM | 600315 |
| UniProt ID | P43489 |

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