

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

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

## SPECIFICATION

|                                     |                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>             | 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).                                                                                                                                                                            |
| <b>Species</b>                      | Human                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>                       | HEK293                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>                | Leu29-Ala216                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>                  | 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 interacts with TRAF2, TRAF3 and TRAF5. |
| <b>Form</b>                         | Lyophilized                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>               | 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.                                                                                                                                                                                         |
| <b>N-terminal Sequence Analysis</b> | Leu 29                                                                                                                                                                                                                                                                                                                               |
| <b>Endotoxin</b>                    | < 1.0 EU/ µg by the LAL method.                                                                                                                                                                                                                                                                                                      |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                       |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                         |
| <b>Characteristic</b> | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                                                                                                                                                                                                        |
| <b>Storage</b>        | For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.<br>Please avoid repeated freeze-thaw cycles.<br>This product is stable after storage at:<br>-20 to -70 centigrade for 12 months in lyophilized state;<br>-70 centigrade for 3 months under sterile conditions after reconstitution. |
| <b>Storage Buffer</b> | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b> | 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.                                                                                                                                                   |
| <b>Conjugation</b>    | Alexa Fluor 647                                                                                                                                                                                                                                                                                                                          |

## GENE INFORMATION

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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

|                |                           |
|----------------|---------------------------|
| mRNA Refseq    | <a href="#">NM_003327</a> |
| Protein Refseq | <a href="#">NP_003318</a> |
| MIM            | <a href="#">600315</a>    |
| UniProt ID     | <a href="#">P43489</a>    |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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