

# Recombinant Human TNFSF11 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** TNFSF11-322HAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                                     |   |
|-------------------------------------|---|
| <b>Product Overview</b>             | Alexa Fluor 647 conjugated recombinant human TNFSF11 (AAC51762.1) (Gly63-Asp244), fused with the Fc region of mouse IgG1 at the N-terminus, was produced in Human Cells.  |
| <b>Species</b>                      | Human   |
| <b>Source</b>                       | HEK293  |
| <b>ProteinLength</b>                | 418   |
| <b>Form</b>                         | Lyophilized   |
| <b>Molecular Mass</b>               | The recombinant human TNFSF11/mFc comprises 418 amino acids and has a predicted molecular mass of 47.1 kDa. The apparent molecular mass of the monomer is approximately 48-56 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>N-terminal Sequence Analysis</b> | Asp   |
| <b>Endotoxin</b>                    | < 1.0 EU/ µg of the protein as determined by the LAL method.  |
| <b>Purity</b>                       | > 90 % as determined by SDS-PAGE  |

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|                       |   |
|-----------------------|---|
| <b>Characteristic</b> | <p>Disulfide-linked homodimer</p> <p>Labeled with Alexa Fluor 647 via amines</p> <p>Excitation = 650 nm</p> <p>Emission = 668 nm</p>                                      |
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.  |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.   |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. 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>       | TNFSF11 tumor necrosis factor (ligand) superfamily, member 11 [ Homo sapiens ] |
| <b>Official Symbol</b> | TNFSF11  |
| <b>Gene ID</b>         | 8600   |
| <b>mRNA Refseq</b>     | NM_003701  |
| <b>Protein Refseq</b>  | NP_003692  |
| <b>MIM</b>             | 602642   |

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