

Recombinant Human TNFSF11 Protein, None-tagged, Alexa Fluor 555 conjugated

Cat. No. TNFSF11-8548HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human TNFSF11 (O14788-2) (Gly63-Asp244), fused with None, was produced in Human Cells.
Species	Human
Source	HEK293
ProteinLength	182
Form	Lyophilized
Molecular Mass	The recombinant human TNFSF11 consists of 182 amino acids and has a calculated molecular mass of 20.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the protein is approximately 27 kDa due to the glycosylation.
N-terminal Sequence Analysis	Gly 63
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines

 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

With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

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.

Storage Buffer

Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

Reconstitution

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.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

TNFSF11 tumor necrosis factor (ligand) superfamily, member 11 [Homo sapiens]

Official Symbol

TNFSF11

Gene ID

8600

mRNA Refseq

NM_003701

Protein Refseq

NP_003692

MIM

602642

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UniProt ID

O14788

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