

Recombinant Mouse TNFSF10 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. TNFSF10-851MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant mouse TNFSF10 (P50592) (Pro 118-Asn 291) was expressed, with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	190
Form	Lyophilized
Molecular Mass	The recombinant mouse TNFSF10 consisting of 190 amino acids and has a calculated molecular mass of 22.2 kDa. rm TNFSF10 migrates as an approximately 22 kDa band in SDS-PAGE under reducing conditions.
N-terminal Sequence Analysis	Met
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

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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 7.51, 5%-8% trehalose and mannitol.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

[Tnfsf10 tumor necrosis factor \(ligand\) superfamily, member 10 \[Mus musculus \]](#)

Official Symbol

[TNFSF10](#)

Synonyms

TNFSF10; tumor necrosis factor (ligand) superfamily, member 10; tumor necrosis factor ligand superfamily member 10; TRAIL/APO2L; TNF-related apoptosis inducing ligand; TNF-related apoptosis-inducing ligand; TL2; Ly81; Trail; APO-2L; AI448571; A330042I21Ri

Gene ID

[22035](#)

mRNA Refseq

[NM_009425](#)

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Protein Refseq

NP_033451

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