

# Recombinant Human TNFSF10 protein, GST-tagged

**Cat. No.** TNFSF10-3603H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TNFSF10 protein(P50591)(39-281aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 39-281aa                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                          |
| <b>Molecular Mass</b>   | 55.4 kDa                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>TNELKQMQDKYSKSGIACFLKEDDSYWDPNDEESMNSPCWQVKWQLRQLVRKMIL</p> <p>RTSEETISTVQEKQQNISPLVRERGPQRVAAHITGTRGRSNTLSSPNSKNEKALGRKI</p> <p>NSWESSRSGHSFSLNLHLRNGELVIHEKGFYYIYSQTYFRFQEEIKENTKNDKQMVQ</p> <p>YIYKYTSYPDPILLMKSARNSCWSKDAEYGLYSIQGGIFELKENDRIFVSVTNEHLID</p> <p>MDHEASFFGAFLVG</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                         |

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repeated freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** TNFSF10 tumor necrosis factor (ligand) superfamily, member 10 [ Homo sapiens ]

**Official Symbol** TNFSF10

#### Synonyms

TNFSF10; tumor necrosis factor (ligand) superfamily, member 10; tumor necrosis factor ligand superfamily member 10; Apo 2L; CD253; TL2; TRAIL; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family, member 10; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor apoptosis-inducing ligand splice variant delta; APO2L; Apo-2L;

**Gene ID** 8743

**mRNA Refseq** NM\_001190942

**Protein Refseq** NP\_001177871

**MIM** 603598

**UniProt ID** P50591

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