

# Recombinant Human TNFRSF10B protein, His & GST-tagged

**Cat. No.** TNFRSF10B-7761H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFRSF10B aa. (Ser234~Ala435 (Accession # O14763)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser234~Ala435
<b>Description</b>	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 54.9kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Characteristic</b>	The isoelectric point is 5.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF10B TNF receptor superfamily member 10b [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFRSF10B
<b>Synonyms</b>	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5; Fas-like protein; TNF-related; apoptosis-inducing ligand receptor 2; apoptosis inducing protein TRICK2A/2B; apoptosis inducing receptor TRAIL-R2; cytotoxic TRAIL receptor-2; death domain containing receptor for TRAIL/Apo-2L; death receptor 5; p53-regulated DNA damage-inducible cell death receptor(killer); tumor necrosis factor receptor superfamily, member 10b; tumor necrosis factor receptor-like protein ZTNFR9; tumor necrosis factor receptor superfamily member 10B

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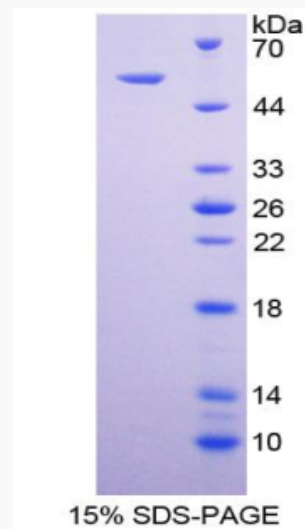
**Gene ID** 8795

**mRNA Refseq** NM\_003842.4

**Protein Refseq** NP\_003833.4

**UniProt ID** O14763

**SDS-PAGE**



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