Recombinant Human TNFRSF10C protein, His & GST-tagged

Cat. No. TNFRSF10C-576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF10C aa. (Glu32~Thr244 (Accession # O14798)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu32~Thr244
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. This gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL.
Form	Freeze-dried powder
Molecular Mass	66kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>90%

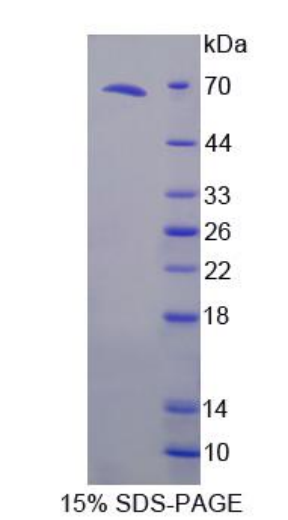
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Characteristic	The isoelectric point is 4.5.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	TNFRSF10C TNF receptor superfamily member 10c [Homo sapiens (human)]
Official Symbol	TNFRSF10C
Synonyms	TNFRSF10C; TNF receptor superfamily member 10c; LIT; DCR1; TRID; CD263; TRAILR3; TRAIL-R3; DCR1-TNFR; tumor necrosis factor receptor superfamily member 10C; TNF-related apoptosis-inducing ligand receptor 3; antagonist decoy receptor for TRAIL/Apo-2L; cytotoxic TRAIL receptor-3; decoy TRAIL receptor without death domain; decoy receptor 1; lymphocyte inhibitor of TRAIL; tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain
Gene ID	8794

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mRNA Refseq	NM_003841.4
Protein Refseq	NP_003832.2
UniProt ID	O14798
SDS-PAGE	 15% SDS-PAGE

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