

Active GMP Recombinant Human TNFSF10 protein, Fc-tagged

Cat. No. TNFSF10-022HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TNFSF10 protein(NP_003801.1)(405 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human sTRAIL(NP_003801.1) was expressed with Fc tag at the C-terminal.
Bio-activity	Determined by the ability to induce apoptosis in TRAIL-sensitive U343MG cells, the expected ED50 of this effect is 1.0~3.0ng/ml. Taking its ability to induce apoptosis of LN-18 cells (human glioblastoma cells) as an indicator, the expected ED50 of this effect is 0.8~2.0ng/ml.
Molecular Mass	Human TNFSF10 contains 405 aa. It has a predicted MW of 46.3 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

Official Symbol TNFSF10

Synonyms CED; DPD1; LAP; TGF-beta1; TGFB; TGFbeta

Gene ID 8743

mRNA Refseq NM_001190942

Protein Refseq NP_001177871

MIM 603598

UniProt ID P50591

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