

Recombinant Human TRAIL protein, GST-tagged

Cat. No. TRAIL-301416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAIL (39-281 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr39-Gly281
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	TNELKQMQDKYSKSGIACFLKEDDSYWDPNDEESMNSPCWQVKWQLRQLVRKMIL RTSEETISTVQEKKQNISPLVRERGPQRVAAHITGTRGRSNTLSSPNSKNEKALGRKI NSWESSRSGHSFSLNLHLRNGELVIHEKGFYYIYSQTYFRFQEEIKENTKNDKQMVQ YIYKYTSYPDPILLMKSARNSCWSKDAEYGLYSIQGGIFELKENDRIFVSVTNEHLID MDHEASFFGAFLVG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name TNFSF10 TNF superfamily member 10 [Homo sapiens (human)]

Official Symbol TRAIL

Synonyms TL2; APO2L; CD253; TNFSF10; Apo-2L; TNLG6A

Gene ID 8743

mRNA Refseq NM_001190942

Protein Refseq NP_001177871

MIM 603598

UniProt ID P50591

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