

Recombinant Human TRAP1 protein, GST-tagged

Cat. No. TRAP1-3622H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAP1 protein(446-704 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	446-704 aa
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. The elution buffer contain 100mM GSH.
AA Sequence	MREGIVTATEQEVKEDIAKLLRYESSALPSGQLTSLSEYASRMRAGTRNIYYLCAPN RHLEHSPYYEAMKKKDTEVLCFEQFDELTLLHLREFDKKKLISVETDIVVDHYKEE KFEDRSPAAECLSEKETEEELMAWMRNVLGSRVTNVKVTLRDLTHPAMVTVLEMGA ARHFLRMQQLAKTQEERAQLLQPTLEINPRHALIKKLNQLRASEPGLAQLLVVDQIYEN AMIAAGLVDDPRAMVGRLNELLVKALERH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	TRAP1 TNF receptor-associated protein 1 [Homo sapiens]
Official Symbol	TRAP1
Synonyms	TRAP1; TNF receptor-associated protein 1; heat shock protein 75 kDa, mitochondrial; HSP75; HSP90L; HSP 75; TRAP-1; TNFR-associated protein 1; tumor necrosis factor type 1 receptor associated protein; tumor necrosis factor type 1 receptor-associated protein;
Gene ID	10131
mRNA Refseq	NM_016292
Protein Refseq	NP_057376
MIM	606219
UniProt ID	Q12931

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