

Recombinant Human TRAP1, His-tagged

Cat. No. TRAP1-2862H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAP1(aa 60-704), fused at the N-terminus to a His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	60-704 a.a.
Description	This gene encodes a mitochondrial chaperone protein that is member of the heat shock protein 90 (HSP90) family. The encoded protein has ATPase activity and interacts with tumor necrosis factor type I. This protein may function in regulating cellular stress responses. Alternate splicing results in multiple transcript variants.
Form	Liquid. In 50mM TRIS, pH 7.5, containing 150mM sodium chloride, 1mM DTT, and 1mM EDTA.
Molecular Mass	~72kDa
Endotoxin	<50EU/mg purified protein (LAL test)
Purity	≥95% (SDS-PAGE; Western blot)
Storage	Store at -80°C

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GENE INFORMATION

Gene Name	TRAP1 TNF receptor-associated protein 1 [Homo sapiens (human)]
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
Chromosome Location	16p13.3
Pathway	TGF-beta Receptor Signaling Pathway
Function	ATP binding; poly(A) RNA binding; protein binding; protein kinase binding

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