Recombinant Full Length Human TRAP1 Protein, GST-tagged

Cat. No. TRAP1-1533HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human TRAP1(1 a.a. - 704 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	704 amino acids
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	106.4 kDa
AA Sequence	MARELRALLL WGRRLRPLLR APALAAVPGG KPILCPRRTT AQLGPRRNPA WSLQAGRLFS TQTAEDKEEP LHSIISSTES VQGSTSKHEF QAETKKLLDI VARSLYSEKE VFIRELISNA SDALEKLRHK LVSDGQALPE MEIHLQTNAE KGTITIQDTG IGMTQEELVS NLGTIARSGS KAFLDALQNQ AEASSKIIGQ FGVGFYSAFM VADRVEVYSR SAAPGSLGYQ WLSDGSGVFE IAEASGVRTG TKIIIHLKSD CKEFSSEARV RDVVTKYSNF VSFPLYLNGR RMNTLQAIWM MDPKDVGEWQ HEEFYRYVAQ AHDKPRYTLH YKTDAPLNIR SIFYVPDMKP

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	SMFDVSRELG SSVALYSRKV LIQTKATDIL PKWLRFIRGV VDSEDIPLNL SRELLQESAL IRKLRDVLQQ RLIKFFIDQS KKDAEKYAKF FEDYGLFMRE GIVTATEQEV KEDIAKLLRY ESSALPSGQL TSLSEYASRM RAGTRNIYYL CAPNRHLAEH SPYYEAMKKK DTEVLFCFEQ FDELTLLHLR EFDKKKLISV ETDIVVDHYK EEKFEDRSPA AECLSEKETE ELMAWMRNVL GSRVTNVKVT LRLDTHPAMV TVLEMGAARH FLRMQQLAKT QEERAQLLQP TLEINPRHAL IKKLNQLRAS EPGLAQLLVD QIYENAMIAA GLVDDPRAMV GRLNELLVKA LERH
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

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UniProt ID	Q12931

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