

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 WGRRLRPLL R APALAAVPGG KPILCPRRTT AQLGPRRNPA WSLQAGRLFS TQTAEDKEEP LHSIISSTES VQGSTSKHEF QAETKLLDI VARSLYSEKE VFIRELISNA SDALEKLRHK LVSDGQALPE MEIHLQTNAE KGTITIQDTG IGMTQEELVS NLGTIARSGS KAFLDALQNQ AEASSKIIGQ FGVGFYSAFM VADRVEVYSR SAAPGSLGYQ WLSDGSGVFE IAEASGVRTG TKIIHLKSD CKEFSSEARV RDVVTKYSNF VSFPLYLNGR RMNTLQAIWM MDPKDVG EWQ HEEFYRYVAQ AHDKPRYTLH YKTDAPLNIR SIFYVPDMKP

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SMFDVSRELG SSVALYSRKV LIQTKATDIL PKWLFIRGV VSEDIPLNL
 SRELLQESAL IRKLRDVLQQ RLIKFFIDQS KKDAEKYAKF FEDYGLFMRE
 GIVTATEQEV KEDIAKLLRY ESSALPSGQL TSLSEYASRM RAGTRNIYYL
 CAPNRHLAEH SPYYEAMKKK DTEVLFCFEQ FDELTLHLR 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

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