

Recombinant Human TRAP1 Protein, GST-tagged

Cat. No. TRAP1-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAP1(1 a.a. - 704 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	106.4 kDa
AA Sequence	MARELRALLLWGRRLRPLLRAPALAAVPGGKPILCPRRTTAQLGPRRNPAWSLQAG RLFSTQTAEDKEEPLHSIISSTESVQGSTSKHEFQAETKLLDIVARSLYSEKEVFIRE LISNASDALEKLRHKLVS DGQALPEMEIHLQTNAEKGTITIQDTGIGMTQEELVSNLGT IARSGSKAFLDALQNQAEASSKIIGQFGVGFYSAFMVADRVEVYSRSAAPGSLGYQ WLS DGSGVFEIAEASGVRTGTKIIHLLKSDCKEFSSEARVRDVVTKYSNFVSFPLYLN GRRMNTLQAIWMMDPKDVGEWQHEEFYRYVAQAHDKPRYTLHYKTDAPLNIRSIFY VPDMKPSMFDVSRELGSSVALYSRKVLIQTKATDILPKWLRFIRGVV DSEDIPLNLSR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ELLQESALIRKLRDVLQQRLIKFFIDQSKKDAEKYAKFFEDYGLFMREGIVTATEQEVEK
 EDIAKLLRYESSALPSGQLTSLSEYASRMRAGTRNIYYLCAPNRHLAEHSPYYEAMK
 KKDTEVLFCFEQFDELTLHLREFDKKKLISVETDIVVDHYKEEFEDRSPAAECLSE
 KETEELMAWMRNVLGSRVTVNKVTLRLDTHPAMVTVLEMGAARHFLRMQQLAKTQ
 EERAQLLQPTLEINPRHALIKKLNQLRASEPGLAQLLVLDQIYENAMIAAGLVDDPRAM
 VGRLNELLVKALERH

Applications

Enzyme-linked Immunoabsorbent; Assay Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

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

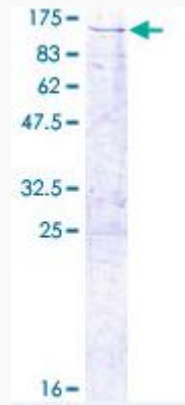
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MIM 606219

UniProt ID Q12931



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