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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TRAP1 (Human) Recombinant Protein (P01)

Catalog Number: H00010131-P01

Regulation Status: For research use only (RUO)

Product Description: Human TRAP1 full-length ORF (NP_057376.1, 1 a.a. - 704 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARELRALLLWGRRLRPLLAPALAAVPGGKPILCPR
RTTAQLGPRRNPASLQAGRLFSTQTAEDKEEPLHSII
SSTESVQGSTSKHEFQAETKKLLDIVARSLYSEKEVFIR
ELISNASDALEKLRHKLVSQALPEMEIHLQTNAEKG
TITIQDTGIGMTQEELVSNLGTIARSGSKAFDALQNQA
EASSKIIGQFGVGFYSAFMVADRVEVYSRSAAPGSLG
YQWLSQDGSVFEIAEASGVRTGKIIHLKSDCKEFSSE
ARVRDVVTKYSNFVSFPLYLNGRRMNTLQAIWMMDP
KDVGEWQHHEEFYRYVAQAHDKPRYTLHYKTDAPLNIR
SIFYVPMKPSMFDVSRELGSVALYSRKVLIQTKATDI
LPKWLRFIRGVVDSIDIPLNLSRELLQESALIRKLRDVL
QQRLIKFFIDQSKKDAEKYAKFFEDYGLFMREGIVTAT
EQEVKEDIAKLLRYESSALPSGQLTSLSEYASRMRAGT
RNIYYLCAPNRHLAEHSPYYEAMKKKDTEVLFCFEQF
DELTLLHLREFDKKLLISVETDIVVDHYKEEFEDRSPA
AECLSEKETEELMAWMRNVLGSRVTNVKVTLRDLTDP
AMVTVLEMGAARHFLRMQQLAKTQEERAQLLQPTLEI
NPRHALIKKLNQLRASEPGLAQLLVDQIYENAMIAAGLV
DDPRAMVGRNLNELLVKALERH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 106.4

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10131

Gene Symbol: TRAP1

Gene Alias: HSP75, HSP90L

Gene Summary: HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. TRAP1 is a mitochondrial HSP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and endoplasmic reticulum (HSP90B1; MIM 191175) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM]

References:

1. TNF α Amplifies DNaseI Expression in Renal Tubular Cells while IL-1 β Promotes Nuclear DNaseI Translocation in an Endonuclease-Inactive Form. Thiyagarajan D, Rekvig OP, Seredkina N PLoS One. 2015 Jun 11;10(6):e0129485.