

Recombinant human TRIAP1, His-tagged

Cat. No. TRIAP1-2431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TRIAP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	TP53-regulated inhibitor of apoptosis 1, also known as TRIAP1, contains a p53-binding site within its second exon and the reduction of expression by small interfering RNA enhanced apoptosis, whereas overexpression protected cells from apoptosis caused by DNA damage. TRIAP1 is induced significantly when cells have a low level of genotoxic stresses, but not when DNA damage is severe. TRIAP1 can modulate apoptotic pathways through interaction with Hsp70 that probably inhibits activity of apoptosis protease activating factor-1.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	11.2kDa (99aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNSVGEA CTDMKREYDQ CFNRWFAEKF LKGDS SGPDC TDLFKRYQQC VQKAIKEKEI PIEGLEFMGHGKEKPESS
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TRIAP1?TP53 regulated inhibitor of apoptosis 1 [?Homo sapiens(human)]
Official Symbol	TRIAP1
Synonyms	TRIAP1; WF-1; MDM35; P53CSV; HSPC132; TP53 regulated inhibitor of apoptosis 1; protein 15E1.1; p53-inducible cell-survival factor; mitochondrial distribution and morphology 35 homolog
Gene ID	51499
mRNA Refseq	NM_016399
Protein Refseq	NP_057483
MIM	614943
UniProt ID	O43715
Chromosome Location	12q24.31
Pathway	Direct p53 effectors

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Function

cysteine-type endopeptidase inhibitor activity involved in apoptotic process

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