

Product datasheet for SC211139

TRIAP1 (NM_016399) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRIAP1 (NM_016399) Human 3' UTR Clone
Symbol:	TRIAP1
Synonyms:	HSPC132; MDM35; P53CSV; WF-1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016399
Insert Size:	938 bp
Insert Sequence:	>SC211139 3'UTR clone of NM_016399 The sequence shown below is from the reference sequence of NM_016399. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGCAAAGAAAAGCCTGAAAATTCTTCTGACCTTGACAGTCACCTTGAAGGATTCGCAAGTCCAGAAA
TTGAGGACTCTGGATTTTGTCACTAACTCTGTGAACATAGCCATCAGATTTGATGAGGAACCTAGGA
GAGAGGAGTTTTATTTCTCTTCGATGTTTCTCTCAGTTGAAAAGATGAACTCTTTGAGATGATT
TCTCACCTGCTGTGGTATCTTGCAAGAACTGTGTGCTAAAATTGAACAATTTTTTTGAGATTATGGTTG
CAATACTTGCGTGGAATCAGCTTTACATAAATATACCTTGATGCAAACGATGATAAACTAGTCAGGA
TGAGCAGAGCTGCCTGACCTCTTGATTTCTGCTGCAAAAAGACATATACACTGTACTGGGGTCACTATTT
ATGAAAGCAATTGGTTAGGACCTCTTTTTTCTCTCAGGGAACCTAATGCTCTGAAAAGGGATCTGGGC
ACAACAGTTTTAGTGAGTGCTTTTGAGCACACTTTTATTTTATATAGTAACTAATGGTTAAGATTGAT
GGTGGCCTGGATTAGCAAAGAGGAAGACAGCTTTTAACACAGTTCCTGCCTTCACAAGAGGTGTCAGA
TTAAGATGTGAAAGCTGCAAGAATGTTGCAGTGAACACCACTTTGAGAGCTCTCAGTGTGCAGTTCAGGA
ATTAAGATACTTGAATAGCTGTGGAGGAAGAACCTAAATTGCAAAGATCTGCTATTGCCAGCTCTCAA
CCCAAGTCAGTGAATTGTCAACCTGCATATCCTAAAAATGTCAAATGCTGCATCTGGTTAAATGTCCG
GGTAGGGGGAAGCTGAAGGTGCTCGCTTCATTTGCCTTGTTTACTCATCCTGCCCTGTAATGTCTGTA
ATCCTGAAGATGGAATAAATTGTAACATTTAGTTTCTATCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_016399.3</u>
Summary:	Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane (PubMed:23931759). Likewise, the TRIAP1:PRELID3A complex mediates the transfer of phosphatidic acid (PA) between liposomes (in vitro) and probably functions as a PA transporter across the mitochondrion intermembrane space (in vivo) (PubMed:26071602). Mediates cell survival by inhibiting activation of caspase-9 which prevents induction of apoptosis (PubMed:15735003).[UniProtKB/Swiss-Prot Function]
Locus ID:	51499
MW:	35