

Product datasheet for SC202472

Proapoptotic Caspase Adaptor Protein (MZB1) (NM_016459) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Proapoptotic Caspase Adaptor Protein (MZB1) (NM_016459) Human 3' UTR Clone
Symbol:	Proapoptotic Caspase Adaptor Protein
Synonyms:	MEDA-7; PACAP; pERp1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016459
Insert Size:	328 bp
Insert Sequence:	<p>>SC202472 3'UTR clone of NM_016459</p> <p>The sequence shown below is from the reference sequence of NM_016459. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAGGTGTCAGCCACAAGAGAAGAGCTCTAGTCCTGGACTCTACCCTCCTCTGAAAGAAGCTGGGCTTG
CTCTGACGGTCTCCACTCCCGTCTGCAGGCAGCCAGGAGGGCAGGAAGCCCTTGCTCTGTGCTGCCATC
CTGCCTCCCTCCTCCAGCCTCAGGGCACTCGGGCCTGGGTGGGAGTCAACGCCTTCCCTCTGGACTCA
AATAAAACCCAGTGACCTCACTTCTTTCTCTGCAAAAGGTGCTTGTGGGCTGGGAGTGCAGACATTG
GTGTTTCTGCTGATGTCCCTTGTGAAAAAAAAAAAAAACTCTCAAAATCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-MluI
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_016459.4</u>


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Summary: Associates with immunoglobulin M (IgM) heavy and light chains and promotes IgM assembly and secretion. May exert its effect by acting as a molecular chaperone or as an oxidoreductase as it displays a low level of oxidoreductase activity (By similarity). Isoform 2 may be involved in regulation of apoptosis. Helps to diversify peripheral B-cell functions by regulating Ca(2+) stores, antibody secretion and integrin activation.[UniProtKB/Swiss-Prot Function]

Locus ID: 51237

MW: 11.9