

Product datasheet for **SC112439**

PARP12 (NM_022750) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARP12 (NM_022750) Human Untagged Clone
Tag:	Tag Free
Symbol:	PARP12
Synonyms:	ARTD12; MST109; MSTP109; ZC3H1; ZC3HDC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_022750, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCAGGCCGGCTCGTCCGGTGAAGTCAACCCAGGTGCTGTGCGCGGCCGGGGGCGCCCTGGAGTTGC
CCGAGCTGCGGCGCCGCTTGCAGATGGGCTTGAGCGCCGACGCGCTGGAGCGGCTGCTGCGGCAGCGTGG
GCGCTTTCGTGGTGGCGGTGCGGGCGGGCGGCGCAGCCCGGGCCCGGAGCGCGTGGTGTGGCCGCTCG
CCGCTGCGCCTGTGTGCGCGCACCCAGGGCTCCAAGCCGGGCTGCGTGGGGCTCTGCGCGCAGCTCCACC
TCTGCAGGTTTCATGGTCTACGGCCCTGCAAGTTCCTGAGAGCCGGAAGAACTGTAGGAATAGTCACAG
CTTGACAACCGAACACAACCTGAGTGTGCTGAGAACTCATGGCGTTGACCACCTGAGCTATAATGAGCTA
TGCCAACCTTTGTTTCAGAACGACCCCTGGCTTTTCCAGAAAATTTGCCAACATTACAACAAAGGAGATG
GACCCACGGCTCTTGTGCCTTTCAAAGCAGTGCATCAAGCTCCATATCTGCCAGTATTTTTTACAGGG
GGAATGCAAGTTTGGCACTAGCTGTAAGAGATCCCATGATTTCTCTAATTCTGAGAATCTGGAAAAATTG
GAGAAGTTGGGTATGAGCTCAGACCTGGTGAAGCAGGCTGCCTACCATTTATAGAAATGCACATGACATCA
AGAATAAGAGCTCTGCCCCAGCAGAGTGCCTCCTCTTTTGTCCACAGGGGACTTCTGAAAGAAAAGA
CAGTTTCAGGTTCTGTGTCCCAAACACTCTTAGCCAGGAGGAGGGTGATCAGATCTGTTGTACCATATC
CGGAAAAGTTGTAGCTTTCAAGATAAGTGCCATAGAGTTCATTTCCATTTGCCGTATCGATGGCAATTCT
TGGATAGAGGCAAATGGGAGGATTTGGACAACATGGAACCTATTGAAGAGGCATATTGCAATCCCAAAAT
AGAAAGGATCCTGTGCTCTGAGTCAGCCAGTACCTTTCACTCTCATTGTCTGAACTTAACGCCATGACT
TACGGTGTACCCAGGCTCGCCGCTCTCCACGGCCTCCTGTGCACAAACCTCCACACTTCATCCTCA
CCTACTGACTGGATTTGGTACTGGAGTGTAGTGTGGTCTTGGCAGGAATATGGAAGACAGGGCACGGT
GCACCTGTGACCACTGTCAGCAGTAGCGACGTGGAGAAGGCCTACCTGGCCTACTGTACACCGGGTCT
GACGGCCAGGCACCCACCTTGAAGTTCAGGCCGGAAGCACAACACTACGAGTTAGATTTCAAAGCCTTCG
TTCAGAAAAACCTGGTCTATGGCACAACATAAAAGGTTTGGCCGAGACCCAAATACGTGTCTCCCCAGGA
TGTGACGACCATGCAAACCTGCAATACCAAGTTTCCAGGCCGGAAGAGCATCCCAGACTATTGGGACTCC
TCTGCCCTGCCAGACCCAGGCTTTCAGAAGATCACCTTAGTTCTTCTCGGAAGAGTATCAGAAGGTCT
GGAACCTCTTTAACCGCACGCTGCCTTTCTACTTTGTTTCAAGATTGAGCGAGTACAGAACCTGGCCCT
CTGGGAAGTCTACCAGTGGCAAAAAGGACAGATGCAGAAGCAGAATGGAGGGAAGGCCGTGGACGAGCGG
CAGCTGTTCCACGGCACCCAGCGCCATTTTGTGGACGCCATCTGCCAGCAGAACCTTACTGGCGGGTCT
GTGGTGTTCATGGCACTTCTACGGCAAGGGGAGCTACTTTGCCCGAGATGCTGCATATCCCACTA
CAGCAAAATCCGACACGCAGACCCACACGATGTTCTGGCCGGGTGCTGGTGGGCGAGTTCGTAGGGGC
AATGCGTCTTTGTCCGTCGCGCCGCAAGGAGGGCTGGAGCAACGCCTTCTATGATAGTGCCTGAACA
GTGTGTCCGACCCCTCCATCTTTGTGATCTTTGAGAAAACACCAGGTCTACCCAGAGTATGTCATCCAGTA
CACCACCTCCTCAAGCCCTCGGTACACCCTCCATCCTGCTGGCCTTGGGCTCCCTGTTACGACGCCGA
CAGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022750 unedited GTTGGGTATTTGTGATACGACTCACTATAGGGGCGGCCGCGATTTCGGCACGAGGCACCCT GCGAGAGCCGCCAGCCAGCGTCCGCCGCGTCCGCGTCCGCCACCCGCGGTCCGA CGGAGCAGGCCAGCGGCCATGGCCCAGGCCGCGTCCGCGTCCGCCACCCAGGTGC TGTGCGCGCCGGGGCGCCCTGGAGTTGCCGAGCTGCGGCGCCGCTTCGGGATGGGCT TGAGCGCCGACGCGCTGGAGCGGCTGCTGCGGACGCGTGGGCGCTTCGTGGTGGCGGTGC GGGCGGCGCGCAGCCGCGGCCCGGAGCGCGTGGTGTGCGCGCCCTCGCCGCTGCGCC TGTGTGCGCGCACCCAGGGCTCCAAGCCGGGCTGCGTGGGGCTCTGCGCGCAGCTCCACC TCTGCAGTTTCATGGTCTACGGCGCTGCAAGTTCCTGAGAGCCGGAAGAACTGTAGGA ATAGTCACAGCTTGACAACCGAACACAACCTGAGTGTGCTGAGAACTCATGGCGTTGACC ACCTGAGCTATAATGAGCTATGCCAACTTTGTTTCAGAACGACCCCTGGCTTTTGCCAG AAATTTGCCAACATTACCACANAGGAGATGGACCCACGGCTCTTGTGCCTTTCAAAGC AGTGCATCAAGCTCCATATCTGCCAGTATTTTTACAGGGGAATGCAAGTTTGGCACTA GCTGTAAGAGATCCCATGATTTCTAATTCTGAGGATCTNGAAAATTGGAGAAGTTGG GTATGAGCTCAGACCTGGTGGAGCAAGGCTGCTACCATTATAGAAATGCACATGACATCAA GAATAAGAGCTCTGCCCCAGCAGAGTGCCTCCTTTTTGTCCACAGGGGACTTNCTGA AGAAAGACAGTTCAGTTCTGTGTCCTCCAAACTCTAGCCAGNAGAG
Restriction Sites:	NotI-NotI
ACCN:	NM_022750
Insert Size:	3000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_022750.2</u> , <u>NP_073587.1</u>
RefSeq Size:	3805 bp
RefSeq ORF:	2106 bp
Locus ID:	64761
UniProt ID:	<u>Q9H0J9</u>
Cytogenetics:	7q34
Domains:	zf-CCCH

Gene Summary:

Mono-ADP-ribosyltransferase that mediates mono-ADP-ribosylation of target proteins.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.