

Product datasheet for SC124855

ADPRM (NM_020233) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADPRM (NM_020233) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADPRM
Synonyms:	C17orf48; MDS006; NBLA03831
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124855 sequence for NM_020233 edited (data generated by NextGen Sequencing) <pre> ATGGATGATAAACCCAATCCTGAAGCCCTAAGTGACAGTTCAGAGCGTCTTTTCTCCTTT GGCGTCATCGCAGATGTTCAATTTGCAGACTTAGAAGATGGCTTTAATTTCCAAGGAACC AGGCGGGGATACTACAGACATAGTCTTCTTCACTTACAGGGTGCCATTGAAGACTGGAAT AATGAAAGCAGCATGCCCTGTTGTGTCCTTCAGCTTGGAGATATCATCGATGGATATAAT GCACAGTATAATGCATCCAAAAAGTCCCTAGAAGTTGTTATGGACATGTTCAAGAGGCTT AAAGTTCCAGTTCATCATACATGGGGAAACCATGAATTCTATAACTTCAGTAGAGAGTAT TTAACACACTCTAACTTAACACTAAGTTTCTAGAAGATCAGATTGTACATCATCCTGAG ACCATGCCTTCAGAAGATTATTATGCTTATCATTTTGTACCATTCCTAAATTCCGGTTC ATTTTACTTGATGCATATGACTTGAGTGTCTTGGGCGTGGATCAGTCTTCTCCAAAATAC GAGCAGTGTATGAAGATATTGAGGGAGCAATCCAAATACGGAAGTGAATAGTCCTCAA GGACTTTCTGAGCCCCAGTTTGTCCAGTTTAATGGAGGATTGAGCCAAGAAGACAGCTAAAC TGGTTGAATGAAGTGCTAACATTCTCTGACACAAACCAAGAAAAGGTGGTGATTGTGAGC CATCTTCCCATTTACCCGGACGCCTCTGACAAATGTGTGCCTGGCCTGGAAGTACAGAGAT GCCCTGGCAGTCATTTGGTCTCATGAGTGTGTGGTGTGTTTCTTTGCTGGTCACACCCAT GATGGTGGCTACTCTGAGGATCCTTTTGGTGTATACCAGTCAACCTAGAAGGAGTTATT GAAACAGCTCCAGACAGCCAAGCCTTTGGCACAGTTCATGTCTATCCTGACAAAAATGATG TTGAAAGGGAGAGGCAGAGTTCAGATAGAATTATGAATTACAAGAAAGAAAGAGCCTTC CATTGTTAG </pre>

Clone variation with respect to NM_020233.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020233 unedited
 NNGGTTACATTTGTATACNACTCACTATAGGCGGCCGGAATTCGCACCGCCAGGGGCC
 GGCGCACGAAACCTGTTTGGAGGTTATGGATGATAAACCCAATCCTGAAGCCCTAAGTGA
 CAGTTCAGAGCGTCTTTTCTCCTTTGGCGTCATCGCAGATGTTCAATTTGCAGACTTAGA
 AGATGGCTTTAATTTCCAAGGAACCGGCGGATACTACAGACATAGTCTTCTTCACTT
 ACAGGGTGCCATTGAAGACTGGAATAATGAAAGCAGCATGCCCTGTTGTGTCCTTCAGCT
 TGGAGATATCATCGATGGATATAATGCACAGTATAATGCATCCAAAAAGTCCCTAGAAGT
 TGTATGGACATGTTCAAGAGGCTTAAAGTTCCAGTTCATCATACATGGGGAAACCATGA
 ATTCTATAACTTCAGTAGAGAGTATTTAACACACTCTAACTTAACACTAAGTTTCTAGA
 AGATCAGATTGTACATCATCCTGAGACCATGCCTTCAGAAGATTATTATGCTTATCATTT
 TGTACCATTCCCTAAATTCGGTTCATTTTACTTGATGCATATGACTTGAGTGTCTTGGG
 CGTGGATCAGTCTTCTCCAAAATACGAGCAGTGTATGAAGATATTGAGGGAGCACAATCC
 AAATACGGAAGTGAATAGTCTCAAGGACTTTCTGAGCCCGAGTTTGTCCAGTTTAAATGG
 AGGATTACGCCAAGAACAGCTAACTGGTTGAATGAAGTGCTAACATTCTCTGACACAAA
 CCAAGAAAAGGTGGTATTGTGAGCCATCTTCCATTTACCCGGACGCCCTCTGACATGT
 GTGCCTGGCCTGGAAGTACAGAGATGCCCTGGCAGTCATTTGGTCTCATGAGTGTGTGG
 TGTGTTTTCTTTGCTGGTCACACCCCATGATGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020233 unedited
 GGGGACAACTATGTACGTTGCCNTCACCTAAGATCAATTTTTTTTTTTTTTTTTTGT
 TATGCAAGCTGAATACTAAACAATGAGNACAGAGATTTTTATTTTTTTTGTAGGAGGA
 CAAACACAAAGCTCATTTTCTATCAAGTTAAAAATAAATTAGACTAACAATGGAAGGCTCT
 TTCTTTCTTGTAATTCATAATTCTATCTGGAAGTCTGCCTCTCCCTTTCAACATCATTTT
 GTCAGGATAGACATGAAGTGTGCCAAAGGCTTGGCTGTCTGGAGCTGTTTCAATAACTCC
 TTCTAGGTTGACGTGGTATACACAAAAGGATCCTCAGAGTAGCCACCATCATGGGTGTG
 ACCAGCAAAGAAACACACCACACACTCATGAGACCAATGACTGCCAGGGCATCTCTGTA
 GTTCCAGGCCAGGCACACATTGTGAGAGCGTCCGGTAAATGGGAAGATGGCTCACAAT
 CACCACCTTTTCTTGGTTTGTGTCAGAGAATGTTAGCACTTCATTCAACCAAGTTTGTG
 TTCTTGGCTGAATCCTCCATTAAGTGGACAACTGGGGCTCAGAAAGTCCTTGAGGACT
 ATTCAGTTCGGTATTTGGATTGTGCTCCCTCAATATCTTCATACACTGCTCGTATTTTGG
 AGAAGACTGATCCAGCCCAAGACACTCAAGTCATATGCATCAAGTAAATGAACCGGAA
 TTTANGGAATGGTACAAAATGATAAGCATAATAATCTTCTGAAGGCATGGTCTCAGGATG
 ATGTACAATCTGATCTTCTAGAACTTANTGTTAAAGTTAGAGTGTGTAATACTCTCTA
 CTGAAGTTATAGATTCC

Restriction Sites:

NotI-NotI

ACCN:

NM_020233

Insert Size:

1250 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:	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:	NM_020233.3 , NP_064618.2
RefSeq Size:	1275 bp
RefSeq ORF:	618 bp
Locus ID:	56985
UniProt ID:	Q3LIE5
Cytogenetics:	17p13.1
Gene Summary:	Hydrolyzes ADP-ribose, IDP-ribose, CDP-glycerol, CDP-choline and CDP-ethanolamine, but not other non-reducing ADP-sugars or CDP-glucose. May be involved in immune cell signaling as suggested by the second-messenger role of ADP-ribose, which activates TRPM2 as a mediator of oxidative/nitrosative stress (By similarity).[UniProtKB/Swiss-Prot Function]