

Product datasheet for SC317531

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317531 representing NM_020233. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGATGATAAACCCAATCCTGAAGCCCTAAGTGACAGTTCAGAGCGTCTTTTCTCCTTTGGCGTCATC
 GCAGATGTTCAATTTGCAGACTTAGAAGATGGCTTTAATTTCCAAGGAACCGGCCGATACTACAGA
 CATAGTCTTCTCACTTACAGGGTGCCATTGAAGACTGGAATAATGAAAGCAGCATGCCCTGTTGTGTC
 CTTGAGCTTGGAGATATCATCGATGGATATAATGCACAGTATAATGCATCCAAAAAGTCCCTAGAACTT
 GTTATGGACATGTTCAAGAGGCTTAAAGTTCAGTTCATCATACATGGGAAACCATGAATTCATAAC
 TTCAGTAGAGATATTTAACACACTCTAACTTAACACTAAGTTTCTAGAAGATCAGATTGTACATCAT
 CCTGAGACCATGCCTTCAGAAGATTATTATGCTTATCATTGTACCATTCCCTAAATCCGGTTTCATT
 TTAATTGATGCATATGACTTGAGTGTCTTGGGCGTGGATCAGTCTTCTCCAAATACGAGCAGTGTATG
 AAGATATTGAGGGAGCACAATCCAAATACGGAAGTGAATAGTCCTCAAGGACTTTCTGAGCCCCAGTTT
 GTCCAGTTTAATGGAGGATTCAGCCAAGAACAGCTAACTGGTTGAATGAAGTGCTAACATTCTCTGAC
 ACAAAACCAAGAAAAGGTGGTGATTGTGAGCCATCTCCATTTACCCGGACGCCTCTGACAATGTGTGC
 CTGGCCTGGAACACAGAGATGCCCTGGCAGTCATTTGGTCTCATGAGTGTGTGGTGTGTTTCTTTGCT
 GGTACACCCATGATGGTGGCTACTCTGAGGATCCTTTGGTGTATACCACGTCAACCTAGAAGGAGTT
 ATTGAAACAGCTCCAGACAGCCAAGCCTTTGGCAGTTCATGTCTATCCTGACAAAATGATGTTGAAA
 GGGAGAGGCAGAGTTCAGATAGAATTATGAATTACAAGAAAGAAAGAGCCTTCCATTGT**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_020233
Insert Size:	1029 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020233.4
RefSeq Size:	1518 bp
RefSeq ORF:	1029 bp
Locus ID:	56985
UniProt ID:	Q3LIE5
Cytogenetics:	17p13.1
MW:	39.5 kDa
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]