

Product datasheet for **MG205373**

Adprh1 (NM_172750) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adprh1 (NM_172750) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Adprh1
Synonyms:	Arh2; D330008N11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205373 representing NM_172750 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAAGTTCAAGGCTGCAATGCTGTTGGGGAGTGTGGAGATGCCCTCGGCTATGGAACATCTGCA
GGGAGAACAGCGTTTTAGGCTCAATCCAGGAGGAGCTGCAAAAGACAGGGGGCTGGACAGCCTTGTGCT
CTCACCTGGGAGGTGGCCAGTGAGCGACAACACCATCATGCACATGGCGACTGCTGAAGCCCTGACCACA
GACTACTGGTGCCTAGACGACCTGTACCGAGAGATGGTAAAGCGCTACGTGGAGACGGTGGAGACGCTCT
CAGAACATCGGCCGGATCCTTCCAGATCGAGGGCTGCTCCAGCTGAAACCGGATAACTACCTCCTCGC
GTGGCATACGCCCTTCAGTGAAAAGGGTTCAGGATTCGGAGCTGCCACCAAAGCGATGTGCATCGGAATG
CGTACTGGAAGCCAGAACGGCTGGAGACGCTCATCGAAGTCAGTATTGAGTGGGTAGGATGACCCACA
ACCATCCTACAGGTTTCCCTTGGGTCCCTGTGCACAGCACTGTTTGCCTCTTACGCACTACAGGAAAGCC
ACTCGTGCAGTGGGAAGAGAGATGCTGAAGGTGCTTCTCTGGCTGAGGAGTACTGTAGGAAGACCATC
CGGCACATGGCAGAGTACCAAGAACACTGGTTTTACTTCGAAGCAAAATGGCAGTTTTATTTGGAGGAAA
GAAAAATCAGAGAAGATGCAGAAGACAAAGTCACCTTTCCTGACAATATGACGCAGAGGAGAGAGACAA
GACCTACAAGAAGTGGAGCTCAGAAGGCCGAGGGGGCGCGGTCATGATGCCCCATGATAGCCTAC
GATGCCCTTCTTGCTTCGGGAGCAACTGGACCGAGCTGTGACGAGCCATGTTTCACGGAGGAGAGA
GTGGAGCGACAGGACGATCGCCGCTGCCTGTTTCGGTGTGCTGCACGGCCTGGCCACTGTTCCACGGGG
CTTGTACCAGGAGCTGGAACACAAGGCAGACTAGAAGATCTGGGCGCAGCCCTGCACCGCCTGTCCACA
GAAGAAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205373 representing NM_172750
 Red=Cloning site Green=Tags(s)

MEKFKAAMLLGSVDALGYGNICRENSVLGSIQEELQKTGGLDSLVLSPGRWPVSDNTIMHMATAEALTT
 DYWCLDDLREMYKRYVETVETLSEHRPDPSTIEGCSQLKPDNYLLAWHTPFSEKSGSGFGAATKAMCIGM
 RYWKPERLETLEIVSIECGRMTHNHPTGFLGSLCTALFASYALQKPLVQWGREMLKVLPLAEEYCRKTI
 RHMAEYQEHWFYFEAKWQFYLEERKIREDAEDKVTFFPDNYDAEERDKTYKKWSSEGRGRRGHDAPMIAY
 DALLASGSNWTELQCRAMFHGGESGATGTIAGCLFGLLHGLATVPRGLYQELEHKGRLEDLGAALHRLST
 EEK

TRTRPLE - GFP Tag - V

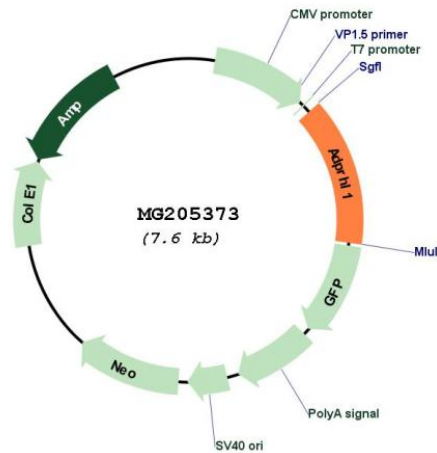
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_172750

ORF Size:	1059 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_172750.4
RefSeq Size:	1366 bp
RefSeq ORF:	1062 bp
Locus ID:	234072
UniProt ID:	Q8BGK2
Cytogenetics:	8 A1.1
Gene Summary:	Seems not to catalyse the hydrolysis of O-acetyl-ADP-ribose.[UniProtKB/Swiss-Prot Function]