

Product datasheet for **RR216402**

Adora3 (NM_001302755) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adora3 (NM_001302755) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Adora3
Synonyms: Tgpcr1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216402 representing NM_001302755
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAAAGCCAACAATACCACGACGAGTGCCTTGTGGTTGCAAATCACCTACATCACCATGGAGGCTGCCA
TTGGTCTCTGTGCTGTAGTGGCAACATGCTGGTCATCTGGTGGTCAAGCTGAACCGCACTCTGAGGAC
CACCACCTTCTATTTTCATCGTCTCCCTAGCACTGGCTGACATTGCTGTTGGGGTCTGGTCATACCCCTTG
GCCATTGCCGTCAGCCTGGAGGTCCAGATGCACCTTCTATGCCTGCCTTTTCATGTCTGTGTGCTTCTGG
TCTTCAACCCACGCTTCCATCATGTCTTCTGCTGGCCATTGCTGTAGACCGATACCTGCGAGTCAAGCTGAC
AGTCAGGTTGTCAATTTCTGTTGTGAACCTACCGTTTTCTCCCCCATTCAAACAGATATAGAACGGTT
ACCACTCAAAGAAGAATATGGCTATTCTGGGCTCTGCTGGCTAGTGTCTTTCTGGTGGGACTGACCC
CCATGTTTGGCTGGAATAGAAAAGTGACCTTAGAGCTCTCTCAAACAGCTCCACCCTCATGCCACTT
CCGTCCGTGGTGGCTTGGATTACATGGTCTTCTTTCAGCTTCATCACCTGGATCCTCATCCCCCTGGTT
GTCATGTGCATCATCTATCTGGACATCTTCTACATCATCCGAAACAAACTCAGTCAAAATCTGACTGGCT
TCAGAGAGACGCGTGCATTTTACGGTCCGGAGTTCAAGACCGCTAAGTCCCTGTTTCTGGTTCTCTTCTT
GTTTGCCTTGTGCTGGCTGCCTTTGTCCATCATCAATTTTGTTCCTACTTAAATGTGAAGATACCAGAG
ATTGCAATGTGCCTGGGCATCCTGTTGTCCCATGCGAACTCCATGATGAACCCTATTGTCTACGCCTGCA
AAATAAAAAAGTTCAAAGAACTACTTTGTGATCCTCAGAGCTTGCAGGCTCTGTCAGACCTCGGATTC
TTTGGACTCAAACCTTGAACAGACTACTGAG

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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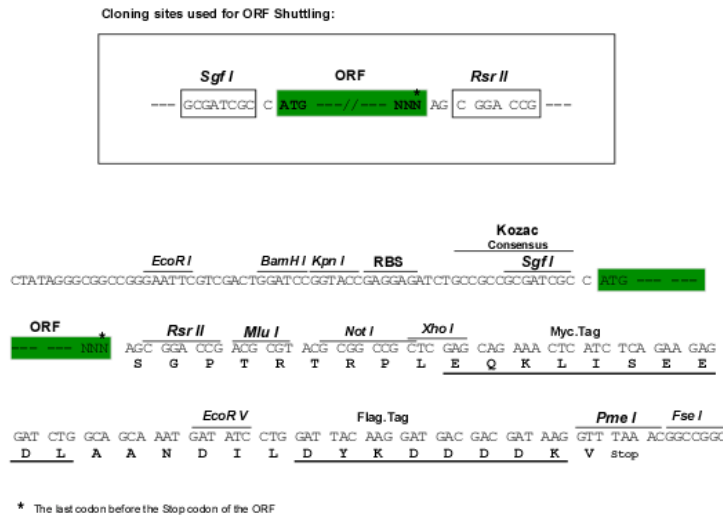
Protein Sequence: >RR216402 representing NM_001302755
Red=Cloning site Green=Tags(s)

MKANNTTTSALWLQITYITMEAAIGLCAVVGNNMLVIWVVKLNRTLRTTTFYFIVSLALADIAGVGLVIPL
 AIAVSLLEVQMHFYACLFMSCVLLVFTHASIMSLLAIAVDRLRVKLTVRLSFLVNLPFSSPHSNRYRTV
 TTQRRIWLFGLCWLVSFLVGLTPMFGWNRKVTLELSQNSSTLSCHFRRSVVGLDYMVFFSFITWILIPLV
 VMCIYLDIFYIIRNKLSQNLGFRERAFYGREFKTAKSLFLVFLFALCWLPLSIINFVSYFNVKIPE
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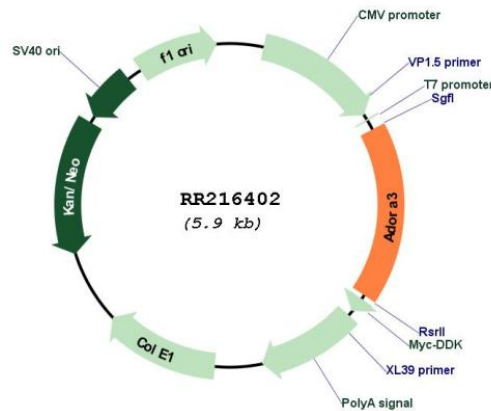
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001302755

ORF Size: 1011 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_001302755.1 , NP_001289684.1
RefSeq Size:	1815 bp
RefSeq ORF:	1014 bp
Locus ID:	25370
UniProt ID:	P28647
Cytogenetics:	2q34
MW:	38.5 kDa
Gene Summary:	may play a role in remodelling after myocardial cell injury; may be involved in male reproduction [RGD, Feb 2006]