

Product datasheet for MR201364

Aard (NM_175503) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aard (NM_175503) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Aard
Synonyms: A5D3; AV328152
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201364 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTTGGGTGACTACAGCCACTGCAGACAGAGGATGTCCCGGGACTCTACGGAGTCTCTGGAAGGG
CTGCGCTATGGTCCCAAGTCTTCCACCCGGTGCACCGCATGCCTTGGCGCACCTGGCGCATCGGCATCGA
AGTGCCAGAGCACGTCCGGGCGTCCAGCCGGTGTGGAGCACCTCCGCAGGCAGCTGGAGCGCGCCTTT
CAGCGGGCGCGGCACGCGGGCGCGCCAGACGCGCGGGAGGGGTGGCGCGGTGGCGCGGCCGAG
CGGCAGCACGGGAGGAAAGGAGCCGGACGCGCATGGAGTGCGCCCTGGCCGGCTGCGCGGGAGCTGCT
GGAAGTGCCTTTCCAGAACCACAGCTGGCCCGAACTTTACTGGATTTAAACATGAAAATGCAGCAGCTG
AAGAAGAGGCAGGACCAGGAGCTAGCTTCCAAACCCAGAGCCCGCAGGATAAGGAGATGAATTCGAGT
GTGGAAGCGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201364 protein sequence
Red=Cloning site Green=Tags(s)

MGLGDYSHCRQRMSRGL YGVSGRAALWSPVFHPVHRMPCGTWRIGIEVPEHVRASSPVLEHLRRQLERAF
QRAAARGRARRAREAVA VAAAAAAAAAREERSRTRMECALARLRAELLELRFNHQLARTLLDLNMKMQQL
KKRQDQELASKPQSPQDKEMNSECGSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_175503

ORF Size: 504 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:

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_175503.3](#), [NP_780712.2](#)

RefSeq Size: 1360 bp

RefSeq ORF: 504 bp

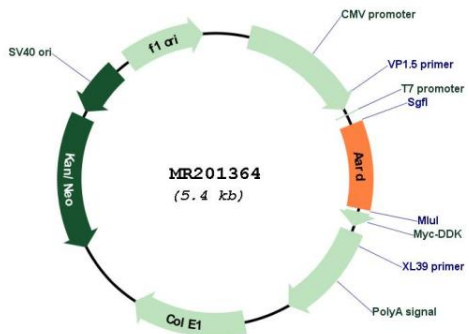
Locus ID: 239435

UniProt ID: [Q811W1](#)

Cytogenetics: 15 C

MW: 18.9 kDa

Product images:



Circular map for MR201364