

## **Product datasheet for MR224731**

## Ahi1 (NM\_001177776) Mouse Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** Ahi1 (NM\_001177776) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Ahi1

**Synonyms:** 1700015F03Rik; Ahi-1; D10Bwg0629e

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR224731 representing NM\_001177776
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

 ${\tt TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC}$ 

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

>MR224731 representing NM\_001177776

Red=Cloning site Green=Tags(s)

MVVALYDYTASRSDELTIHRGDIIRVYFKDNEDWWYGSVRKGQEGFFPANHVASETLYRDSPPKVKERSP PLTPKEKTKPEKPLASQKQSLSKGRPLDPRLGPQPVGHSEKGKDQNVEDRGHKVDMETKKSEPVVRKVTL

ΙE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-Mlul

**Protein Sequence:** 



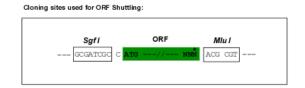
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

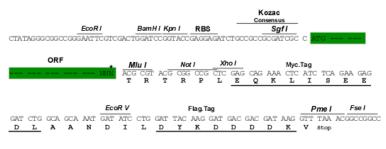
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



## **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_001177776

ORF Size: 426 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: <u>NM 001177776.1</u>, <u>NP 001171247.1</u>

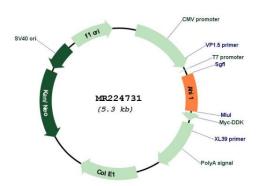
RefSeq Size: 2102 bp RefSeq ORF: 429 bp Locus ID: 52906

Cytogenetics: 10 9.75 cM



**MW:** 16.7 kDa

## **Product images:**



Circular map for MR224731