

Product datasheet for MR201122

Znhit1 (BC026751) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Znhit1 (BC026751) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Znhit1
Synonyms: 2700001K05Rik; ZNFN4A1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201122 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGGAGAAGAAACCCGCCGTTTCGCTCCCAGGACCCTGGACAGCGCGGGTCTGGACAGGGCAGCCA
 GGCAGCGCGGATCAACCGACAGCTGGAGGCATTGGAGAATGACAACCTCCAGGATGACCCCATGCCGG
 CCTCCCCAGCTGGCAAGAGGCTACCTCAGTTTGATGATGATGCAGACACAGGAAAGAAAAGAAGAAA
 ACTCGAGGTGACCACTTTAACTTCGCTCCGGAAAACTCCAGGCTTTGCTGGAGGAGCAGAACCTGA
 GTGCATCTGAGGGCCCCAACTACTTGACAGCCTGTGCCGGCCCCCATCTCGGCCCCAGCGTCCCTTCTG
 TGCTGTGTGGCTTCCCATCCCCGTATACCTGTGTGAGCTGTGGTGCCCGGTACTGCACCGTGGCTGC
 CTGGGTACCCATCAGGAGACCAGGTGTCTGAAGTGGACCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201122 protein sequence
 Red=Cloning site Green=Tags(s)
 MVEKKPAVRSQDPGQRRVLDRAARQRRINRQLEALELNDNFQDDPHAGLPQLGKRLPQFDDADTGKKKKK
 TRGDHFKLRFRKNFQALLEEQNL SASEGPNYL TACAGPPSRPQRPFCAVCGFPSPYTCVSCGARYCTVRC
 LGTHQETRCLKWTV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: BC026751

ORF Size: 462 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: [BC026751](#), [AAH26751](#)

RefSeq Size: 713 bp

RefSeq ORF: 464 bp

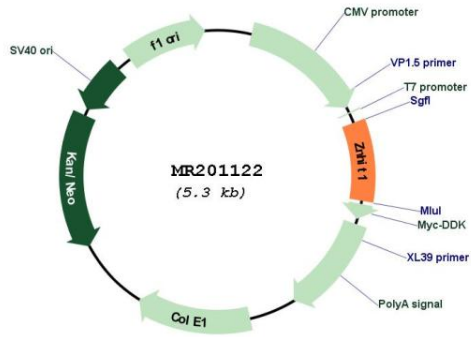
Locus ID: 70103

Cytogenetics: 5 G2

MW: 17.5 kDa

Gene Summary: Seems to play a role in p53-mediated apoptosis induction. Binds to NR1D2 and relieves it of its inhibitory effect on the transcription of APOC3 without affecting its DNA-binding activity (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201122