

Product datasheet for MG201122

Znhit1 (BC026751) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

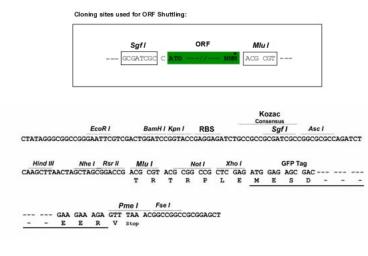
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Product Type:	Expression Plasmids
Product Name:	Znhit1 (BC026751) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Znhit1
Synonyms:	2700001K05Rik; ZNFN4A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG201122 representing BC026751 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGCC</mark>
	ATGGTGGAGAAGAAACCCGCCGTTCGCTCCCAGGACCCTGGACAGCGGCGGGTGCTGGACAGGGCAGCCA GGCAGCGGCGGATCAACCGACAGCTGGAGGCATTGGAGAATGACAACTTCCAGGATGACCCCCATGCCGG CCTCCCCCAGCTGGGCAAGAGGCTACCTCAGTTTGATGATGATGCAGACACAGGAAAGAAA
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>MG201122 representing BC026751 Red=Cloning site Green=Tags(s)
	MVEKKPAVRSQDPGQRRVLDRAARQRRINRQLEALENDNFQDDPHAGLPQLGKRLPQFDDDADTGKKKKK TRGDHFKLRFRKNFQALLEEQNLSASEGPNYLTACAGPPSRPQRPFCAVCGFPSPYTCVSCGARYCTVRC LGTHQETRCLKWTV
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

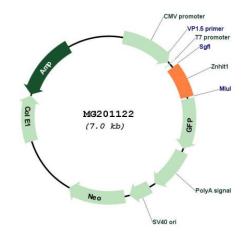


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Cloning Scheme:



Plasmid Map:



ACCN:	BC026751
ORF Size:	464 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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SRIGENE Znhit1 (BC026751) Mouse Tagged ORF Clone – MG201122	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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>BC026751</u> , <u>AAH26751</u>
RefSeq Size:	713 bp
RefSeq ORF:	464 bp
Locus ID:	70103
Cytogenetics:	5 G2
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]

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