

Product datasheet for **MC216195**

Znhit6 (NM_001081094) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Znhit6 (NM_001081094) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Znhit6
Synonyms:	2410019A14Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216195 representing NM_001081094
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAATCTGCAGCTGAGAAGGAAGGGACTCCGGGAGGAGTTCCAGAGGGTAGCGGAGGGGGCGCGGC
CGAGGCCTGCGGCTGGTGGGGAGGGAGCCAGGGACTTAGACGGGAGCCAGAAGCTGGCGATGGAGAGGA
GAGGAACGGACTGGCAGGAACTAAGACCACGGAGGATGCGGAGGAGATAAAGATGGACTTAGCTGTGGTG
AAGCAGGAAGTAGTAGACTGGTCGGATTTAGACAGTGGTGTTCGGACAGCCAGTGGGTGAAGCAGGAGG
TGGAGGGCGGGCCGAGGTGAAGGATGAGAAAGGCGTGTGGAAGTGAAGCAGGAGGCGGATAGTAGCCT
GGTGGTGAAGAAGAGGAGGTGGATGAGCCAGAAGTGAAGGAAGAGAAGTGAAGTGAAGGAGGAGGTG
ACGGACTGGGAAGAAGTGAAGGAGGAGGACTTGACCATAAAACAGGAGTTGTTTGTGGTCAGAACGTAA
AGGAAGAGCAAGTATGATGGATGCAGCGCCTATAAAAGAAGAGGGTCCCTCAAGAGCGAAGCGATGGAAGA
CGCGAAGGTGAAGGAAGGCCCCAGATGAACCCCGAGTGGGCAGCAAGAGGAAATTGGCTCTGTCAAGG
TGTGAGACTTGTGGGACAGAAGAAGCGAAGTACAGATGTCCACGCTGCATGCGCTTTTCCTGCAGTTTGC
CCTGTGTAAGAAACACAAAGCTGACCTGACGTGCAAGTGGAGTCCGGGATAAGACCGCTTATGTGTCGCT
GCAGCAGTTTACTGAGATGAATCTCCTGAGTGAATATAGATTTTTGGAAGACGTGGCAAGAACGGCAGAC
AAGGTTTCAAGAGATACTTTCTTGAAGACCAAAAGCGCAAAAAATATCTGTTCTTTATGAAGAATCGTG
CCCGAAAGCAAGGCATTTACTTGAGGCTTCTACCCAATGGATTTAGCAAGAGAAAAGAGAATTCACAGT
TTTTGACCATAGGAAGCAGCAGTTTTGTTGGCATGTCAAGCTCCAGTTTCCTCAGAGTCAAGCAGAGTAC
ATAGAAAAAGAGTACCAGATGATAAACTATTAATGAAATCTAAAGCCTTACATCGATCCTGAAGAGT
CTGACCCCTGTATCCGTCAGAGATTGAAAGCTTACGCACAGTCAAGAGTGGGGTCCAAAATTTAATGAG
GGTCGAAAAATATGCAGCAAAAATATGATAAGGTATCATGAACTGGATCCTTACAAAAGCCTTTCAGACAAC
TTGAAGGACAAAGTATGATCATTGAGTACCCGACTTTGCACGTGGTGTGAGAGGATCTAGTAAATGACAAGC
AGCTACTTCAAGTAAAAGTGAAGTCTGCCAGAAGCTTGGCAATGGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081094

Insert Size: 1383 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001081094.1](#), [NP_001074563.1](#)

RefSeq Size: 2813 bp

RefSeq ORF: 1383 bp

Locus ID: 229937

UniProt ID: [Q3UFB2](#)

Cytogenetics: 3 H2

Gene Summary: Required for box C/D snoRNAs accumulation involved in snoRNA processing, snoRNA transport to the nucleolus and ribosome biogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.