

## Product datasheet for MR220360

### Znhit3 (NM\_001005223) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Znhit3 (NM\_001005223) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Znhit3  
**Synonyms:** Myohd1; TRIP-3; Trip3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR220360 representing NM\_001005223  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCGTCGCTGAATTGTAGGACTGCGGTCTGTGTGGTCTGTTTGGAGAAGCCGAATACCGTTGCCCGA  
CTTGCCCGTGCCCTACTGTTCCGTCCCCTGTTTTCAGAAGCACAAAGAGCAGTGCAGCTCTGAAGCCCG  
ACCTGTTGAGAAGAGAAGAGCAGGGCCTCCTGTGAGGTCTGAGGAGAGCAAGATGATGACTCCTCCGTA  
GCTGATTTCTCAACAGTGATGAGGAAGAAGACAGAGTGTCTCTGCAGAAATTAAGAATCTAGGTGAAT  
CGGAAACTTTAAGAAGCTTGCTGCTGAACCCACACCTGAGGCAGTTGATGATTAGCCTCGATCAGGGTGA  
CAACAAAGCAAAGCTGATGCGAGCCTGTATGCAGGAGCCCTTTTCGTGGAGTTTGCAGACTGCTGTTTA  
GGAATCGTGGAACCATCCAGAAGAGGGATTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR220360 representing NM\_001005223  
 Red=Cloning site Green=Tags(s)

MASLNCRNAVCVVLEKPKYRCPTCRVPYCSVPCFQKHKEQCSSEARPVEKRRAGPPVRSEESKDDSSV  
ADFLNSDEEEDRVSLQNLKNLGESETLRSLLLNPHLRQLMISLDQGDNKAKLMRACMQEPLFVEFADCC  
LIVEPSQKRDS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-Mlul



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001005223.3</u>
<b>RefSeq Size:</b>	983 bp
<b>RefSeq ORF:</b>	456 bp
<b>Locus ID:</b>	448850
<b>UniProt ID:</b>	<u>Q9CQK1</u>
<b>Cytogenetics:</b>	11 C
<b>MW:</b>	17.5 kDa