

## Product datasheet for **MG209177**

### Zfp384 (NM\_175557) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp384 (NM_175557) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp384
Synonyms:	BB163993; C130073D16Rik; Ciz; Nmp4; NP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG209177 representing NM\_175557  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGAGTCTCACTTCAATTCTAACCCGTACTTCTGGCCTTCTATCCCCACAGTCTCAGGGCAGATTG  
 AAAACACTATGTTTCATCAACAAGATGAAGGATCAGCTGTTGCCAGAGAAGGGCTGTGGACTGGCCACC  
 TCACTATCCCACCTTTGCTAACTGTCCTGCCTCAGTGTCCCTGTCTTGGCATCAGCATGGACACAGAG  
 TCCAAGTCAGAACAGCTGACCCACACAGTCAGGCATCTGTTACCCAGAATATCACAGTGGTTCTGTAC  
 CATCTACAGGACTCATGACTGCGGGAGTCTCCTGTTCTCAGAGGTGGAGAAGAGAAGGGAGTCAATCAAG  
 GGGTCTGGTTTGGTAATCACATCCCCGTGAGGCTCTCTTGTGACCACAGCCTCCGCAGCTCAGACTTTC  
 CCTATTTGCGCTCCCATGATTGTCTCAGCTCTTCCCCGGGCTCGCAAGCCCTACAGGTGGTCCCTGACC  
 TCTCCAAGAAGGTAGCGTCAACCCTAAGTGAAGGAGGCGGAGGTGGTGGTGGAGGTGGCACTGTGGC  
 TCCTCCTAAACCTCCTCGGGGCCAAGAAGAAGCGGATGCTGGAGTCAAGGCTTCTGAGATGAATGAC  
 CCTTACGTCCTTGCCCTGGGGATGACGATGACCATCAGAAAGATGGCAAGACCTACAGGTGCCGGATGT  
 GCTCCCTGACCTTCTACTCCAAGTCGGAGATGCAGATCCACTCCAAGTCACACACCGAGACCAAGCCCCA  
 CAAGTGCCCGCACTGCTCCAAGACCTTCGCAACAGCTCCTACCTGGCCAGCACATCCGGATCCACTCA  
 GGGGCCAAGCCCTATAGTTGTAACCTTCTGTGAGAAATCCTTCGCCAGCTCTCACATCTGCAGCAGCACA  
 CCCGGATCACTCCAAGATGCACACGGAGACCATCAAGCCCCACAAGTCCCGCACTGCTCCAAGACCTT  
 CGCCAACACCTCCTACCTGGCTCAGCACCTCCGTATCCACTCAGGGGCCAAGCCCTACAAGTCTCCTAC  
 TGCCAGAAGGCCCTTCGCCAGCTCTCCACCTCCAGCAGCACACCGAATCCACTGGTATAGACCAT  
 ACAAATGTGCACACCCGGGCTGTGAGAAGGCTTTCACACAACCTCCAATCTGCAGTCTCACAGCAGGCA  
 GCACAACAAGATAAACCCCTCAAGTGCCACAACCTGTCAAGGAGCATATACAGACGACGACCTCTCTCGAG  
 GCTCACTTATCTACACACACAGTGAAACACGCCAAGGTTTATACCTGCACAATCTGCAGTCGGGCATATA  
 CATCAGAAACATACCTTATGAAACATATGCGCAAAACACAACCCTCCTGATCTTCAACAGCAAGTGAAGC  
 AGCGGCAGCAGCAGCAGCGGTGGCCAGGCCAGGCCAGGCTCAGGCCAAGCTCAAGCCAGGCCCAA  
 GCTCAAGCCAGGCCAAGCTCAAGCCAGGCCAGGCCAGGCCAGGCCAGGCTTACAGGCGTAC  
 AGCAGCAGCAGCAGCAGCCACGCCACAACCACACTTCCAGTCCCCTGGGCAGCTCCCCAGGG  
 AGGGGGTGGTGGGACAGCAACCCGAACCTCCACCCAGTGTCTTTGACTTGACCCCTATAAGCCG  
 GCAGAGCATCATAAAGACATCTGCCTACTGTACCACCAGCACCATCCAGGTGGAGCACCTGGCCAGCT  
 CT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG209177 representing NM\_175557  
 Red=Cloning site Green=Tags(s)

MEESHFNPNFYFWPSIPTVSGQIENTMFINKMKDQLLPEKGCGLAPPHYPTLLTVPASVLSLSSGISMDTE  
 SKSEQLTPHSQASVTQNTVVPVSTGLMTAGVSCSQRWRREGSQRGPGLVITSPSGSLVTTASAAQTF  
 PISAPMIVSALPPGSQALQVVPDL SKKVASTL TEEGGGGGGGGT VAPPKPPRGRKKRML E SGLPEMND  
 PYVLAPGDDDDHQDKGTYRCMCSLTFYSKSEMQUIHKSHTETKPHKCPHCSKTFANSSYLAQHRIHS  
 GAKPYSCNFCEKSFQRLSHLQQHTRIHSKMHTETIKPHKCPHCSKTFANTSYLAQHLRIHSGAKPYNCSY  
 CQKAFRQLSHLQQHTRIHTGDRPYKCAHPGCEKAFQLSNLQSHRRQHNDKPFKCHNCHRAYTDAASLE  
 AHLSTHTVKHAKVYTTCTICSRAYTSETYLMKHMRRKHNPPDLQQQVQAAAAA AVAQQAQAQAQAQAQ  
 AQA  
 AEHHKDI CLTVTTSTIQVEHLASS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_175557.5</a> , <a href="#">NP_780766.3</a>
<b>RefSeq Size:</b>	3198 bp
<b>RefSeq ORF:</b>	1755 bp
<b>Locus ID:</b>	269800
<b>Cytogenetics:</b>	6 F2