

Product datasheet for **MG209123**

Zfp324 (NM_178732) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp324 (NM_178732) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp324
Synonyms:	A930002M05; D430030K24Rik; ZF5128
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG209123 representing NM_178732
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAGGTCTCTCGCCGTCATGCCCGCCCCACTGCAGATTCGGCGGCGGCAACCTGGCCGCTGA
 CAAATCCACCGGAGATGGATGGCCTTTGAGGACGTGGCTGTGTACTTCTCCAGGAGGAGTGGATGTT
 CCTGAATGCCGCCAGAGGGCCTTGTACCGCCATGTAATGCTGGAAAACCTTCGCCTTGTAGACTCCATA
 GGACCTTCTGTCTCCCGCCTCGTGTGATCATCCAACCTCAGCGTGGTGGAGAACCTGGGTTCCCAACA
 GGACAAATAGAGGCCAGGCAGGGGTGCCACAGGAGATCCAGCCTTGGATCCAATTATAGTACAAGAGA
 AAGACATGTGTCTAGAACACCTCCAGGGCCACCTGTGACAGGCCTGATAGGATACCTACTAGTATCCTT
 CCTCTGTGGTGCCTACCCTGATGCAAAAATTCTGGAGGGACACCAAAGTGCCTGCCCATCTCTACAGA
 AAAAACCCACAGGGGTATCAGTGATTTACTGGGAGCAACTCTGTAGGTTCCAGCAGCAGTGAAGCAAC
 TGTCAGCTTGGCATTGACTTCTCCAGTAGGGTTCCTGAAAATGGTTCATCTAGAGGGAAGGCCTTCTCT
 GACTTTCTGGCCCCAGGGAAGCAGCCACGGGTAGCAGAGCAGCGAAAGCCAGAGATGCAGCTAACCCCTG
 GGAGAAGTTTCCAAGCATTCCAGATCTCCATGGGGCAGAGGAGGGACGTGGGATGAGTGAGGCTTGGCA
 TGAGTCTCAGGGAGACCCAATGTTACAGAGGCCCGGATATGGGATGAGCTGGGAGAGGCCCTCCAGGCC
 GGCCAGGTCTTCTCTCTGGGACAAACCTTTCGAATGTAGGGCGTGCAACAAAGTGTTCGTGAAGAGCT
 CAGACCTCTCAAGCATCTGCGTACTCATACGGGGAGCGGCCTTATGAGTGCGCCCAGTGCGGCAAGGC
 CTTTCAGTCAGACATCTCACCTGACTCAGCACCAGCGCATCCATAGCGGTGAGACGCCTTATGTGTGCATG
 GTGTGCAGCAAGGCCTTCCGACACAGCTCCTCACTGGTGCGCCATCAGCGCATCCACACAGTCGAGAAGT
 CATTCCACTGCAACGAGTGTGGTAAGGCCTTCAGCCACGGCTCCAACCTCAGTCAGCACCTAAAGATACA
 CGCAGGAGGGCGCCCTATGCCTGCGCACAGTGCGGCCGCGCTTCTGCCGCAACTCACATCTTATTTCAG
 CACGAACGCACGCACACCGGCGAGAAGCCCTATGCCTGCTCCCTCTGTGGCGCAGCCTTATGCAAGGCT
 CCTCGCTCTTCAAGCACCAGCGTGTGCACACCGGAGAGAAGCCTTCTCTTGTCCACACTGTGGCCGTGC
 CTTTCAGCCACAGCTCCAACCTCACACAGCATCAGCTGCTGCACACGGGCGAACGACCCTTCCGCTGCGGC
 GACTGTGGCAAGGCCTTGGCAAGGGCGCAGTGTGCTCAGCCACAGGCGTATCCACACGGGTGAGAAGC
 CCTTCGTGTGCACGCAGTGTGGCCGCGCTTCCGTGAGCGCCAGCCCTTCCATACCAAAGGATCCA
 CACAGGAGAGAAGGCCCTGAGGAGGCCAGGGGCAGTACGCACCCCGAGCCAGGTCTCTTGGGGTATCC
 TTAGATGGCGCACCTCCAAGGCCAGTCTACCACAGCCACCAGCAGTCCCAAAGATAGCTGAGGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209123 representing NM_178732
 Red=Cloning site Green=Tags(s)

MPRSLARHAPPLQIPAAATWPLTNPPRRWMAFEDVAVYFSQEEWMFLNAAQRALYRHVMLENFALVDSI
 GPSVSRPRVIIQLQRGEEPWPNRNTNRGPRGHAHRRSSLGSNYSTRERHVSRTPPGATCDRDPDRIPTSIL
 PPAGAYPDAKILEGHQSACPSLQKKPTGVSIVYWEQLLLGSSSEATVSLRLTSPVGPENGSSRGKAFS
 DFLAPGKQPRVAEQRKPEMQLTPGRTFQSIPLDHGAEEGRMSEAWHESQGDPNVTEARIWDELGEALQA
 GPGLLSGDKPFECRACNKVFKSSDLLKHLRHTHTGERPYECAQCAGKAFSQTSHLTQHQRHSGETPYVCM
 VCSKAFRHSSSLVRHQRIHTVEKSFHCNECGKAFSHGSNLSQHLKIHAGGRPYACAQCGRRFCRNSHLIQ
 HERTHTGEKPYACSLCGAAFSQGSLLFKHQVHTGEKPFSCPHCGRAFSSSNLTQHQLLHTGERPFRCG
 DCGKAFKAVLLSHRRHTHTGEKPFVCTQCGRFRERPALFHHQRIHTGEKALRRPRGSTHPQARSLGVS
 LDGAPPKASSTAPPVAVPKIAEA

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

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:	<ol style="list-style-type: none">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_178732.4
RefSeq Size:	4316 bp
RefSeq ORF:	1752 bp
Locus ID:	243834
Cytogenetics:	7 A1