

Product datasheet for **MG214613**

Zfp719 (NM_172482) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Zfp719
Synonyms:	8030458J18; 9430094P17Rik; C630016O21Rik; mszf6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >MG214613 representing NM_172482
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGACCTATCTTCAGAATCCTGAGAAAATTAGAGAGAGACCAAGAGTAGAAAACCACAGAGGACATGC
CTACTGATATGAATTTCTGCCAGATGCCCCAGCAGTTGGGAGCAGAGGAGCAGGATGGATTGTGTGAGAG
ATTGGTGTCTTTGATGATGTGACTGTGGACTTCAGCCAGGAGGAGTGGCAGCACCTGGACTCCGCCAG
AGAGCCTGTACCAGGACGTGATGCTGGAGATCTACAGCCACCTCTTGTCAAGTGGTAAATTGCAGCTTG
ACACACAACATCAACAAATTTTGTGAAAGCTTCATTTCTAAGCGATGCAGCCAGCGAAGTCACCAAACA
TGGCTCCATATATTGCTCCGTTTTAGAGAAAACCTGGCAGGAGGGTGACCCTGCTGCAAAAGACAGATCAG
CAAAGCCGGTCTGCCTGTAAGTCTGCTGCTTTCCAAAACCAGAAAATACTGACCATAGGCAAGTGTCTT
GGGACTATGAAGAACTGAAGAATCTACTCTTTTGAACCCACCTCATTTCTACACAATATGTACTCC
AAGAGCAAAATAGTGACAGTCAAAGCAATACCATAAAGCAGCTTAATGATATTATCGGATCTGATCAGTTT
TTTACACAAGCCTCTTCTAATGGTGTGTGCACAGTTCCCTCATCAAACAGAGAAAACCATACACCGAGAGTC
AGTTTGGAAACATTGTTTCTCTTAATCCACCACCTATGGATCACGAAATTAATTTTCAAGACAAAACCAGT
TGAATATACTGGATGTGGGAAGGTCTTCACTGGTGGAGACAGCTTCTGTCAACAGCAAAATACTAATAGT
ATGGAGACATCTTTTATCTGTACACCTGTGGGAAAACCTTCTTCAAGTCTAAATTGACCTCTCATT
CAGAAAACCTCTAGAGAAGAGACACCTTATGAATGTCCTGACTGTGCCAAATCACTGAGGGGCACAATAG
CCTTCAAGTGTCCGTGGAGTCCAGACAAAAGGAGAAAACCTTATGAATGCCATGTGTGTGGGAAATCATT
AGTTATACATCCCACCTAAAGGTCCACCTTCGAACACACACTGGTGGAGAAACCTTATGCATGTTCTGACT
GTGGAAAAGCCTTCAGCCAAAAGTCACTCCTCACCATACATCAGAGAATTCACACTGGCGAAAAGCCGTA
CACATGCAGTGACTGTGGGAAAATGTTTGTGTTGTCATCAGATCTAACAAAACATTGTGATTTACACA
GGGAAAAGCCTTATGAGTGCCTGACTGTGGGAAATCTTTCAGTATTAATCTAACCTGCTTGCACACC
ATCGAATTCACACCAGTGAAGGACCTTACAATGCTTTCACCTGTGGAGAATCATTGAGGAAAATATCCCA
ATTGAAGGTACACCATCAAATTCACACTGATCGTAGATCTTTTGTATGTTCTGACTGTGGAATGGCCTTC
AGCCAAAAGTCACTCCTCACCACACATCAGAGAATTCACAGTGGAGAGAAAATGTTACCCATGTAGTGACT
GTGGGAAAGTTGTTTCTTATGCTTCAGATCTGAAGAAGCACTGTCGATTTACACAGGGGAGAAAGCCTTA
CAAATGCCATGACTGTGGGAAATCATACAGTGTGAAGTCGCACCTACACGTGCATCATCGCATTACACT
GGTGGAGAGACCTTACAATGTGATGACTGCGGAAAGTCACTCAGAGAAAACCTCACCTACAATGCATC
AGCAAACCTCACTGAGGAGAAAGCCTTACAATGTTCTGACTGTGGGAAAGTCACTCCGGAGAGCATCTCA
CCTGAAGGTGCATCATCGAATTCACACTGGGAGAAAACCTTTCGTGTGTTCTGAGTGTGAAAGGCTTTC
AATGATAGGTCACTTCTCAGCACACATCAGAGAATTCACACTGGAGAGAAGCCTTACATATGCAGTGACT
GTGGGAAAGCAATGTCTTCAAAGCCAATCTCAAAGAGCATCAACGGATTCACACAGGCGAGAAAACCATA
TGTGTGTGCTGAATGTGGGAAAGCCTTCAGTGATAAGTCTTCTTTCTACAGACATTGAAAATTCACAGT
AGGGGAAAACCTTTCGTCCGTAAACAAGGTGAAAAGGGTTTCTGCAGAATTCACAAGTGACATCCATGA
CATCCTATGAGCAAACCTCAGAATGCAGAGAACTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG214613 representing NM_172482
Red=Cloning site Green=Tags(s)

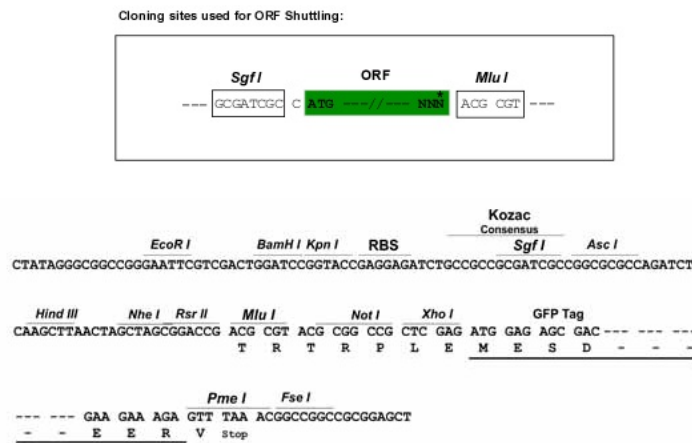
```

MLTYLQNPEKIRERPRVETTEDMPTDMNFCQMPQQLGAEEQDGLCERLVSFDDVTVDVFSQEEWQHLDLSDAQ
RRLYQDVMLLEIYSHLLSVGKQLDQTQHQQIFVKASFLSDAAASEVTKHGSYICSVLEKLWQEGDPAAKTDQ
QSRVLPVSPGAFQNKILITIGSAWDYEETEEESTLLEPHLISTQYVPPRANSDSQSNTIKQLNDIIGSDQF
FTQASSNGVCTVPHQTEKPYTESQFGNIVSLNPPLMDHEINFQDKPVEYTGCGKVFVTFGETAFCCQQITNS
METSFICHTCGKTFHLKSKLTSHSETPREETPYECPDCAKSLRGTTSLQVLRGVQTKKPYECHVCGKSF
SYTSHLKVHLRTHRTGKPYACSDCGKAFSQKSVLTIHQRIHTGKPYTCSDCGMFVVCASDLTKHCRFHT
GKPYECPDCGKSFSIKSNLLAHHRIHTSEGPYKCFHCGESFRKISQLKVHHQIHTDRRSFVCSDCGMAF
SQQSVLTTHQRIHSGEKYCPCSDCGKFLYASDLKHKHCRFHTGKPYKCHDCGKSYSVKSHLHVHHRHT
GERPYKCDDCGKSFRRNSHLQMHQQTHTGKPYKCSDCGKSFRRASHLKVHHRHTGKPFVCSCECGKAF
NDRSVLSTHQRIHTGKPYICSDCGKAMSSKANLKEHQRIHTGKPYVCAECGKAFSDKSSFYRHCKIHS
RGKPFVRNKGEKGLQNSQVTSMTSYEQTQNAEKL
    
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



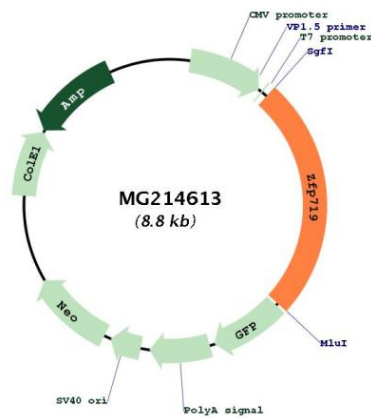
ACCN: NM_172482

ORF Size: 2205 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. [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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172482.1</u> , <u>NP_766070.1</u>
RefSeq Size:	4993 bp
RefSeq ORF:	2208 bp
Locus ID:	210105
Cytogenetics:	7 B3

Product images:

Circular map for MG214613