

Product datasheet for **MG214753**

Zfp607a (NM_001024726) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Zfp607a
Synonyms:	4732475C15Rik; Zfp607
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG214753 representing NM_001024726, codon optimized.
Due to the complexity of NM_001024726, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCTTCTTCTTAGTCAACACATGGTCTGTGGTAGCGTCACATTCGGGACGTGGCGGTGGATTCT
CACAGGAGGAGTGGCTTGCCTGGATGCAACCCAGAAAGTTCTGTACAGGGATATGATGCTGAAACTTA
CTCTAACCTCGTGGCCGTGGTTGGCCGGTGCATTTCTAAACCAGATCTGATCGTGTGTTGGAACAGGAA
AAGGAACCTTGGATGGCAGTCAAGGAGGAACTGATAGACCCTCCCCTGATCTCGAACTGTGCTATGAAG
CAGAGAACATGAGTCCCGAAAACCAGACCTATGACATTAACCTGTTCAAGCAGCGAAATCAAGCAATTTTC
AAAGACTTTTGACCTGAAAATCTGTTCTTTACCTCCGGGCCAAATTACAATACCTCCAAGGGGCTGCAG
AGCTCCAGGAGGGCGACGATAATCAGAAAATTACGAATAAGGAAGAAATTCGACTCACACCTGTCAAA
CTCTGGCGCACAAATACCGAAAAGCGTATGAGTGCAAGAGTGGCGCAATGCTTTGGCTGTAGGTCCAC
CCTGACTCAGCACCAGAGTGTGCATGCCGGCGAAAAACCTTACGAATGTGAAGAGTGTGGTAAAGCCTTT
CGACTCCCCAGCAGTACTCGGCATCAGAAAGTCTCACAGCGGGGAACGGCCATTTGAATGCAACGAAT
GTGGAAAAGCTTTCCACCTGCCAGACCTGTGAAGTACCACAAAGTATCCACACTGACGAAAAACCTT
CGAATGTGAAGTTTGGCGGAAATCTTTAAAAGGGTGTCTCATCTGGTTGAGCACCGCACCATTACGCC
GGCGTCAAGCCGTACGAGTGTCTCAGAGTGCGCCAAAGCTTTCAAGAGAAGGTCTATCTGATGCAGCACC
AGAAGATCCACTCTGGAGAAAGACCGTTCCAGTGAAGGACTGCGGCAAGTCTTTATCGTGTGGCCCA
GCTGACAAGGCATCAGAACATCCACACCGAGGACAAGTCAATTTGAGTGTAAACTGCGGAAAGATATTT
TCCTGTGGTTCATTCCTTCTGAGGCACCAAGTCCATCCATACGAACGAGAAGCCTTTGAGTGAACGCT
GCGGGAAGGCCCTTTGCGCTCCAGGTACCTCTCAGAACACAGGAAAAACCCATACTGACGAACGGCCATT
TGAGTGAAGCTGTGTGGCTCAGCGTTTTCGGAGGAAAGACCAGCTTAGCGAACATCAGAAGATTCATACA
AATGTGAAGCCATACCAGTGAAGGAGTGCAGCAACTGTTTCGCGCAAAAGCAGTTTTATTGAGCACC
AGTCCATCCACAGCGAAAAAAGCCTTTCAATTGCAAGGACTGCGGGAAGTCTTCAGACTCAACACCCA
TTTGATGAGACACCAGAAGAGTCATAGCGGTGAGAGGCCATTGAGTGTAAAGGAATGTGAAAGGCGTTT
CACTTGCTAGCCAGCTCACATATCATAAGACAGTTCCACAAAACCAGAAGCCATTGCTGCGAAAGAGT
GTGGCAAAATCTTTCAAACATGTGAGTCTCTGTAGAGCACCAGGTGATCCATGCGAGCCTGAAACCTTA
TGAATGCGGCGAATGCGGGAAGCATTCAACCACAGGAGCAACCTCAAACAACATCAGAAGATTCATAGC
GATGAGCGCCCTTTTGTGTAAGGACTGTGGCAAAGGCTTACCGTCTTGGCTCAGCTGACAAGGCATC
AGTCCATTCACACTGGGAGAAAGATTTGAGTGTGAACAGTGCAGCAGCAGCTTTGCTCAAATCCCA
GCTCAACCAGCACCAGAAATCCACACAGATGTGAAACCTTACCAATGTAAGAATGTGAAAGGGGTTT
GTTAGGGGACTGCTCTGCGCATACACCAACGCATTACACTGGCGAGAAACCTTCCAGTGAACAAAT
GTGGCGAAGCCTTCCAGTACCATTATCAGTTCCTGGCCCACTTCCGGACCCATACCGCAAGAAGCCCTC
CGAGTGCAGGAGCTCTGGCAAGGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001024726.2](#), [NP_001019897.2](#)

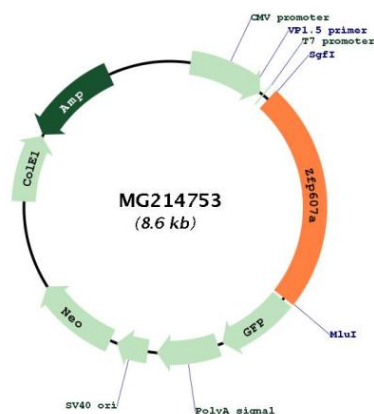
RefSeq Size: 3511 bp

RefSeq ORF: 2061 bp

Locus ID: 545938

Cytogenetics: 7 A3

Product images:



Circular map for MG214753