

## Product datasheet for **MG216398**

### Glipr112 (NM\_026223) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Glipr112
Synonyms:	4921508O11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

**ORF Nucleotide Sequence:** >MG216398 representing NM\_026223  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAAGGCCTCTCTGCCTTGGTCTGTAGTATGGCGTGCCAGTCGAATTACGTACGGCTAAGAAGAGTAC  
TGAAGCTGTGTGAAGTGTGGCTTCTATTGGTGGGCTCAGGTTTGAACGCCAAACTTCCGCTTGAAGAGGA  
TGTAGACTTTATCAATGAATATGTGGGTCTCCATAATGAGCTTCGAGGCACGGTCTTCCCCCAGGGGTG  
AACCTGCGCTTCATGACTTGGGATGTAGCTTTATCGCGTACTGCCAGAGCATGGGGGAAAAAATGTATGT  
ATAGCCGTAATACTCATCTAGACAACTCCATGAATCCATCCAGTATTTACTGAAAATTGGCGAAAACAT  
GTGGGTTGGTCTGTAGAGGACTTTACTGTAACCACTGCCATCAGAAGTTGGCATGAGGAGAGGAAGAGC  
TACAGTTACTTAAATGACACTTGTGTTGAGGACCAGAAGTCTCATTACATTAGCTTGTGTGGGACA  
GTTCTTACAAAGTTGGTGTGCTGTTACTTCGTGTGCAAGGGCTGGAGGTTTACACACGCAGCACTTTT  
CATATGCAATTATGCACCAGGAGGAACCCTGACAAGGAGGCCTTATCAAGCAGGGCAATTTTGTCTCGG  
TGTGGCCCTGGAGACCAATGCACAGACTACCTATGCAGTAACACAGTTCGTGATGAAGCTACATACTACC  
AGTTCTGGTACCCACCTTGGGAAAAGCCCCGCCAGTCGTGTGTAATCCAATGTGCATATTTATCTCTT  
CCTGAGAGTGGCATCTTTGCTGCTATGTGTCATTGTGTTCTGATAGTTCAGTCCAGGTTTCCAGTTATC  
TTAATGGAACTCCAACGATAATTTTCAGCAGAGGAGGAAGGGAAAACAGGTAGAAAATAGTGATGGAGG  
AGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGGGAGAGG  
GGAAGAAGATGAACAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



**Protein Sequence:** >MG216398 representing NM\_026223  
Red=Cloning site Green=Tags(s)

MKASLPWSVVWRAQSNYVRLRRVLKLCELWLLLVGSLNAKLPLEEDVDFINEYVGLHNELRGTVFPPGV  
 NLRFMTDVVALSRTARAWGKKCMYSRNLTKLHESHVPFTEIGENMWVGPVEDFTVTTAIRSWHEERKS  
 YSYLNDTCVEDQNC SHYIQLVWDSSYKVGCAVTSCARAGGFTHAALFICNYAPGGTLTRRPYQAGQFCSR  
 CGPGDQCTDYLCNTRVDEATYYQFWYPPWEKPRPVVCPMCFILFLRVASLLLCVIVVLIVQSRFPVI  
 LMETPTIISAEIEGKTEVEIVMEEGEGEGEGEGEGEGEEKEEEEELEDEQ

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**ACCN:** NM\_026223

**ORF Size:** 996 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:**

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\\_026223.2](#), [NP\\_080499.1](#)

**RefSeq Size:** 1879 bp

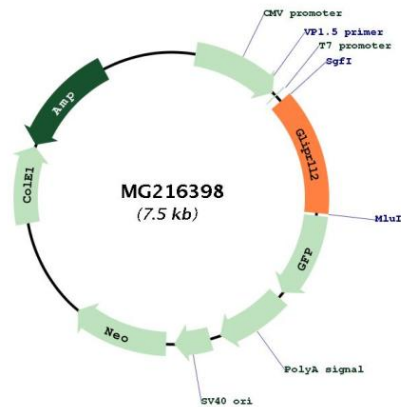
**RefSeq ORF:** 999 bp

**Locus ID:** 67537

**UniProt ID:** [Q9CQ35](#)

**Cytogenetics:** 10 D2

### Product images:



Circular map for MG216398