

Product datasheet for **RG204800**

C6orf72 (GINM1) (NM_138785) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf72 (GINM1) (NM_138785) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C6orf72
Synonyms:	C6orf72
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204800 representing NM_138785 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGCGCTCCACCGGGGTCGCTCGCCCTCCGGCTCCTGCTGTTCTGTGGCGCTACCCGCCTCCGGCT
GGCTGACGACGGGCGCCCCGAGCCGCCGCTGTCCGAGCCCCACAGGACGGCATCAGAATTAATGT
AACTACACTGAAAGATGATGGGGACATATCTAAACAGCAGGTTGTTCTTAACATAACCTATGAGAGTGGA
CAGGTGTATGTAATGACTTACCTGTAATAGTGGTGAACCCGAATAAGCTGTCAGACTTTGATAGTGA
AGAATGAAAATCTTGAAAATTTGGAGGAAAAAGAATATTTTGAATTGTCAGTGAAGGATTTAGTTCA
TGAGTGGCCTATGACATCTGGTTCCAGTTTGCAACTAATTGTCATTCAAGAAGAGGTAGTAGAGATTGAT
GGAAAAACAAGTTCAGCAAAAGGATGTCAGTGAATTGATATTTAGTTAAGAACCAGGGGAGTACTCAGAC
ATTCAACTATACCTCCCTTTGGAAGAAAGCATGCTCTACTCTATTTCTCGAGACAGTGACATTTTATT
TACCCTTCCTAACCTCTCAAAAAAGAAAGTGTAGTTCACTGCAAAACCACTAGCCAGTATCTTATCAGG
AATGTGGAACCACTGTAGATGAAGATGTTTTACCTGGCAAGTTACCTGAACTCCTCTCAGAGCAGAGC
CGCCATCTTCATATAAGGTAATGTGTCAGTGGATGGAAAAGTTTAGAAAAGATCTGTGTAGGTTCTGGAG
CAACGTTTTCCAGTATCTTTTCAGTTTTTGAACATCATGGTGGTTGGAATTACAGGAGCAGCTGTGGTA
ATAACCATCTTAAAGGTGTTTTTCCAGTTTCTGAATACAAAGGAATTCTTCAGTTGGATAAAGTGGACG
TCATACCTGTGACAGCTATCAACTATATCCAGATGGTCCAGAGAAAAGAGCTGAAAACCTTGAAGATAA
AACATGTATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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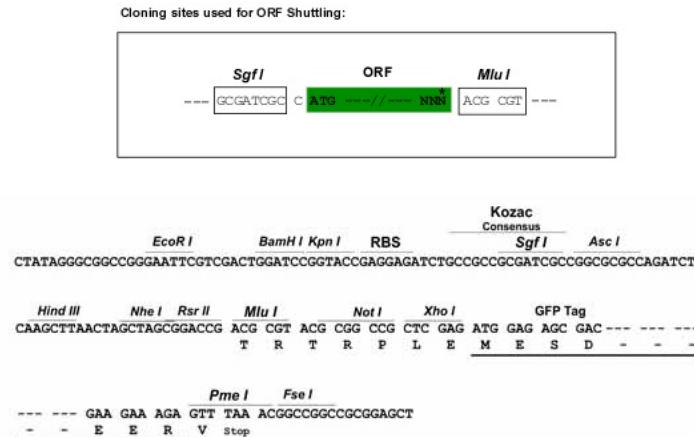
Protein Sequence: >RG204800 representing NM_138785
 Red=Cloning site Green=Tags(s)

MEGAPPGSLALRLLL FVALPASGWLTTGAPEPPPLSGAPQDGIRINVTTLKDDGDISKQQVVLNITYESG
 QYYVNDLPVNSGVTRISCQTLIVKNENLENLEEKEYFGIVSVRILVHEWPMTSGSSLQLIVIQEEVVEID
 GKQVQQKDVTEIDILVKNRGVLRHSNYTLPLEESMLYSISRSDILFTLPNLSKKESVSSLQTTSQYLIR
 NVETTVDVDLPGKLPETPLRAEPPSSYKVMCQWMEKFRKDLCRFWSNVFPVFFQFLNIMVVGITGAADV
 ITILKVFFPVSEYKILQLDKVDVIPVTAINLYPDGPEKRAENLEDKTCI

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_138785

ORF Size: 990 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_138785.5](#)

RefSeq Size: 1143 bp

RefSeq ORF: 993 bp

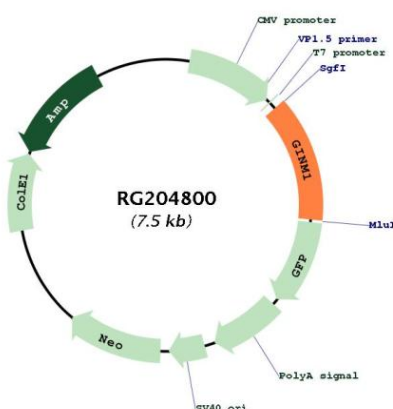
Locus ID: 116254

UniProt ID: [Q9NU53](#)

Cytogenetics: 6q25.1

Protein Families: Transmembrane

Product images:



Circular map for RG204800