

Product datasheet for **RC204800**

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:	Myc-DDK
Symbol:	C6orf72
Synonyms:	C6orf72
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204800 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGGCGCTCCACCGGGGTCGCTCGCCCTCCGGCTCCTGCTGTTCTGTGGCGCTACCCGCCTCCGGCT
 GGCTGACGACGGGCGCCCCGAGCCGCCGCTGTCCGGAGCCCCACAGGACGGCATCAGAATTAATGT
 AACTACACTGAAAGATGATGGGGACATATCTAAACAGCAGGTTGTTCTTAACATAACCTATGAGAGTGGA
 CAGGTGTATGTAATGACTTACCTGTAATAGTGGTGAACCCGAATAAGCTGTCAGACTTTGATAGTGA
 AGAATGAAAATCTTGAAAATTTGGAGGAAAAAGAATATTTTGAATTGTCAGTGAAGGATTTAGTTCA
 TGAGTGGCCTATGACATCTGGTTCCAGTTTGCAACTAATTGTCATTCAAGAAGAGGTAGTAGAGATTGAT
 GGAAAAACAAGTTCAGCAAAAGGATGTCAGTGAATTGATATTTTAGTTAAGAACCAGGGGAGTACTCAGAC
 ATTCAAACTATACCCTCCCTTTGGAAGAAAGCATGCTCTACTCTATTTCTCGAGACAGTGACATTTTATT
 TACCCTTCCTAACCTCTCCAAAAAGAAAGTGTAGTTCACTGCAAACTAGCCAGTATCTTATCAGG
 AATGTGGAACCACTGTAGATGAAGATGTTTTACCTGGCAAGTTACCTGAACTCCTCTCAGAGCAGAGC
 CGCCATCTTCATATAAGGTAATGTGTCAGTGGATGGAAAAGTTTAGAAAAGATCTGTGTAGGTTCTGGAG
 CAACGTTTTCCAGTATCTTTTCAGTTTTTGAACATCATGGTGGTTGGAATTACAGGAGCAGCTGTGGTA
 ATAACCATCTTAAAGGTGTTTTTCCAGTTTCTGAATACAAAGGAATTCTTCAGTTGGATAAAGTGGACG
 TCATACCTGTGACAGCTATCAACTATATCCAGATGGTCCAGAGAAAAGAGCTGAAAACCTTGAAGATAA
 AACATGTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >RC204800 protein sequence
 Red=Cloning site Green=Tags(s)

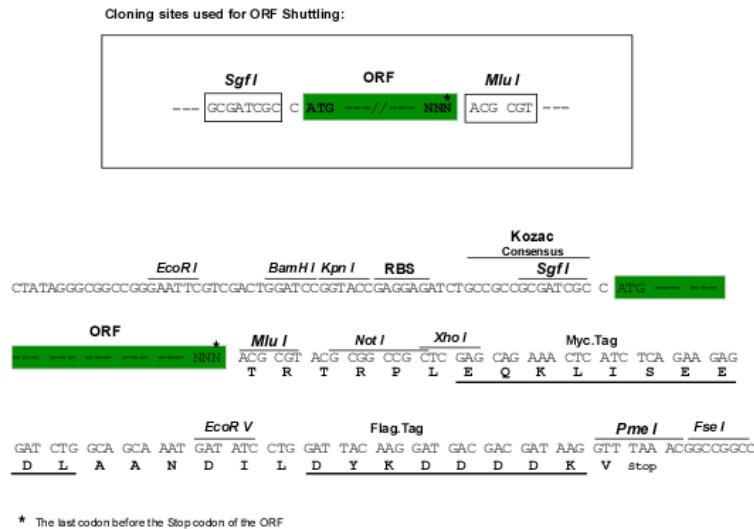
MEGAPPGSLALRLLL FVALPASGWLTTGAPEPPPLSGAPQDGIRINVTTLKDDGDISKQQVVLNITYESG
 QVYVNDLPVNSGVTRISCQTLIVKNENLENLEEKEYFGIVSVRILVHEWPMTSGSSLQLIVIQEEVVEID
 GKQVQQKDVTEIDILVKNRGLRHSNYTLPLEESMLYSISRSDILFTLPNLSKKESSVSSLQTTSQYLIR
 NVETTVDVDLPGKLPETPLRAEPPSSYKVMCQWMEKFRKDLCRFWSNVFPVFFQFLNIMVVGITGAADV
 ITILKVFFPVSEYKGILQLDKVDVIPVTAINLYPDGPEKRAENLEDKTCI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6421_a09.zip

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: 1138 bp

RefSeq ORF: 993 bp

Locus ID: 116254

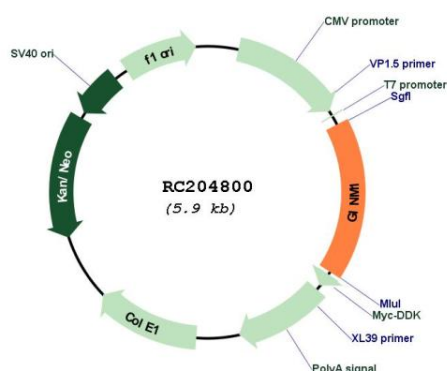
UniProt ID: [Q9NU53](#)

Cytogenetics: 6q25.1

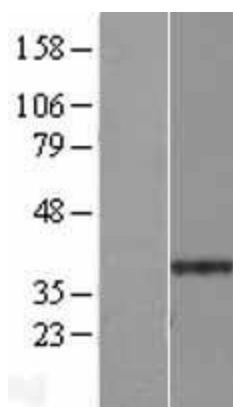
Protein Families: Transmembrane

MW: 36.8 kDa

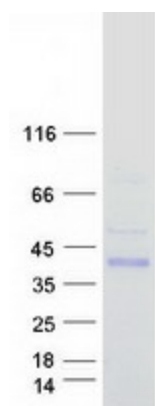
Product images:



Circular map for RC204800



Western blot validation of overexpression lysate (Cat# [LY408522]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204800 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified GINM1 protein (Cat# [TP304800]). The protein was produced from HEK293T cells transfected with GINM1 cDNA clone (Cat# RC204800) using MegaTran 2.0 (Cat# [TT210002]).