

Product datasheet for **MG207861**

C730004C24Rik (BC092260) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C730004C24Rik (BC092260) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C730004C24Rik
Synonyms:	C730004C24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207861 representing BC092260
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCATTTGTAGTCTTGGTCTTTGTCTGTCTCTTTCTGCTTGTCTCTGTCATTGTGGAGACAGAGAT
 CTGCAAGAGGGAACCTCCCTCCTGGCCCCACTCCTCTCCAATTATTGGCAATTACCACCTGATAGATAT
 GAAGGACATTGGCCAGTGCCTTACCAATTTTTCTAAAACATATGGCCCTGTGTTCACTCTGTATTTTGGC
 TCACAGCCTATTGTAGTGTACATGTTATGAGGCAATGAAAGAAGCCTTCATTGACCATGGAGAAGAGT
 TCTCTGGAAGAGGAAGGTTTCCGTTTTTGTACAAGTTACTAAAGGAAAGGGCATTGGTTTTAGCCATGG
 AAATGTATGGAAGCCACAAGGGTCTTCAATCAATACCTTGAGGAACCTGGGCATGGGAAAAAGGACC
 ATTGAGAACAAAGTCAAGAGGAAGCACAGTGGCTCATGAAGGAACCTGAAGAAAAAAATGGCTTACCT
 GTGATCCCAATTCATCATAGGATGTGCTCCCTGCAATGTCTGCTCCATTGTTTTCCAGAACGTTT
 TGATTATAAGGATAAGGATTTTCTTAGCTTGATAGGAAAAGTGAATGAATGCACTGAAATTTTGAGCTCT
 CCTGGGTGTGAGATTTTCAATGCAGTCCCTATTCTTATTGATTATTGTCCAGGAAGGCATAATAAATTTT
 TAAAAATCATACATGGATTAAGAGCTATCTTTGGAGAAAATAAAAGAACATGAAGAATCATTGGATGT
 TACAAATCCTCGGGACTTCATTGATTACTTCTAATTCAAAGATGTCAGGAAAAAGGCATTGAGCACATG
 GAATATAACATTGAACACCTGGCAACATTGGTGACTGATCTGGTTTTTGGTGGGACAGAGTCCCTAAGCT
 CAACAATGAGATTTGCTCTCTGCTCTTGATGAAGCACACACATCACAGCTAAAGTCCAGGAAGAGAT
 TGACAAATGATTGGGAGACACCGCAGCCCTGTATGCAGGACAGGAACCATATGCCTTACACAAATGCC
 ATGGTGCATGAGGTCCAACGATATGTTGACCTTGGCCCAATTAGTTTGGTTCATGAAGTAACCTGTGACA
 CTAAGTTCAGAACTACTTCATCCCAAGGGAACACAGTAATGACATCACTGACATCAGTGTGCTGATGA
 CAGCACGGAGTTCCTCAACCCAGAGGTGTTTACCCTGGCCACTTCTAGATGACAATGGAAACTTTAAG
 AAAAGTGACTACTTCGTGCTTTTCTCAGCAGGAAAACGGATTTGTGTGGGAGAGACCTTCCCGCATGG
 AGCTGTTTCTATTCTGACCACCATTTTACAGAAATTTCAAGCTGAAACCTCTGGTTGATCCAAAGGACAT
 CGACATGACCCCAACATTCTGGATTTTCTAAAATTCCTCCAATTTCCAGATGTGCTTTATCCCTGTG
 GAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207861 representing BC092260
 Red=Cloning site Green=Tags(s)

MDPFVVLVLCFLVLSLWRQRSARGNLPPGPTPLPIIGNYHLIDMKDIGQCLTNFSKTYGPVFTLYFG
 SQPIVVLHGYEAMKEAFIDHGEEFSGRGRFPFFDKVTKGKIGFSGHNVWKATRVFTINTLRNLGMGKRT
 IENKVQEEAQWLMKELKKTNGLPCDPQFIIGCAPCNVICSIQVQNRFDYKDKDFLSLIGKVNCTEILSS
 PGCQIFNAVPILIDYCPGRHNKFFKNHTWIKSYLLEKIKEHEESLDVTNPRDFIDYFLIQRCQEKGIEHM
 EYTIIEHLATLVTDLVFGGTESSLSTMRFALLLLMKHHTITAKVQEEIDNVIGRHRSPCMQDRNHMPYTNA
 MVHEVQRYVDLGPISLVHEVTCDFKFRNYFIPKGTQVMTSLTSLVLDSTEFNPEVDFPGHFLDDNGNFK
 KSDYFVFPFSAKRICVGESLARMELFLFTTILQNFKLPLVDPKIDMTPKHSGFSKIPPNFQMCFIPV
 E

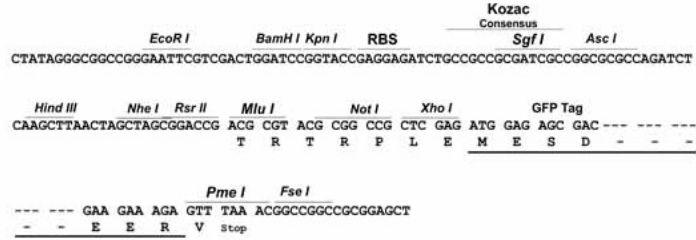
TRTRPLE - GFP Tag - V

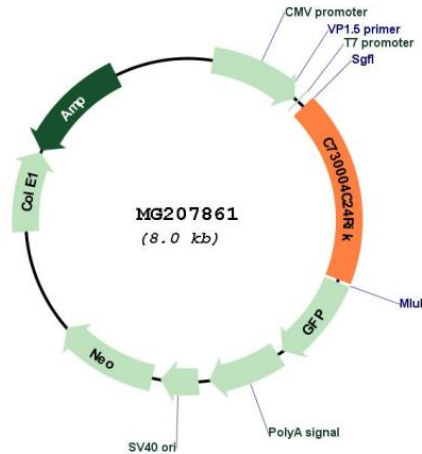
Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:


ACCN: BC092260

ORF Size: 1475 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.

RefSeq: [BC092260](#), [AAH92260](#)

RefSeq Size: 1719 bp

RefSeq ORF: 1475 bp

Locus ID: 545288

Cytogenetics: 19 C3