

Product datasheet for **MG201290**

BC003885 (BC089481) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BC003885 (BC089481) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: BC003885
Synonyms: MGC6735
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201290 representing BC089481
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGATCGAAAAGTGTATTCTGCTCCGGCCGATCTACCCGGGACGGCATGATGTTCTGCCGA
 ACGATTGCAAGGTGTTCCGATTCTGCAATCCAAGTGTCAAAAACTTTAAGAAGAAGAGAAACCCACG
 CAAGGTCAAGTGGACTAAAGCCTCCGGAAAGCAGCTGGCAAGGAGCTCACGGTGGACAACATTTGAA
 TTTGAAAACGTAGAAAAGAACCTGTGAAATACCAGCGTGAGCTGTGGAATAAACTATTGATGCCATGA
 AGAGAGTTGAAGAGATCAAACAGAAGCGCCAGGCCAAATTTATAATGAACAGGTTGAAGAAGAACAAGA
 GCTCCAGAAGGTGCAGGACATCAAGGAGGTCAAGCAGAACATCCATCTCATCCGGGCTCCTCTCGCTGGC
 AAAGGAAAGCAGCTGGAGGAAAAATGGTCCAGCAGTTACAGGAGGATGTGGACATGGAGGAAGCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201290 representing BC089481
 Red=Cloning site Green=Tags(s)

MRIEKCYFCSGPIYPGHGMMFVRNDCKVFRFCKSKCHKNFKKRNPVKVRWTKAFRKAAGKELTVDNSFE
 FEKRRNEPVKYQRELWNKTIDAMKRVEEIKQKRQAKFIMNRLKKNKELQKVQDIKEVKQNIHLIRAPLAG
 KGKQLEEKMVQLQEDVDMEEAS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>BC089481</u> , <u>AAH89481</u>
RefSeq Size:	1461 bp
RefSeq ORF:	491 bp
Locus ID:	225215
Cytogenetics:	9 D
Gene Summary:	Involved in the biogenesis of the 60S ribosomal subunit. Ensures the docking of GTPBP4/NOG1 to pre-60S particles (By similarity).[UniProtKB/Swiss-Prot Function]