

Product datasheet for **MG214762**

Gpr165 (NM_029536) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Gpr165
Synonyms:	6530406P05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG214762 representing NM_029536
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGCTCCAACCACAGACGTGCCCCAGAGGATTTCCAGAGCCCTGGCACCATGGGCTTTGGGGACG
AGCTGACTCCAGAAGCTCTGAGTGTACCTAGTGGTTTTGATGACTTGATCACTTCTACCACCTCCCAGGT
GCTTACAGGTGCATCCAATGCTGGCCGCAATGGCATGTGTCAAAGATGGATAAGTTGGCAGACCACATG
TCAAACCTCGGGGGACCTGGTGACACATCGGGTCCCCTAGATTTGGAAATTGTATCCAGGATGAGCAGG
TGCAATTCTGGTTAGTGGTAGGGTACACCATAGTGGTCTTTGTGCCATCATAGGCAACTGGGTCTTAAA
CCACATAATTATGAAGTATAAGAGGGTACACACTGCCACCGCCTCTTCGTTGTCAACATTTCTGTGACC
AACATGATGCTCGCTCTTCTCAGCTCTCCCTTCACTATGGTGCCTATCTGTGAATTCCTTGGTGTG
GAAAGATGACATGTCACCTCAGTCGCTTTGCCCAGTACTCATGTGCCTATGTAAGTGTGATGAGCATGGC
AGCTATTTCTCGATCGACATAGGGTGTGCTATATCCTCTGAAGGCCGGATTACTCCATGCAAGGC
AATGTTTGCATCATCATCTGGATCGTGAGCACTTGTGCTGCTTGCCTCATGCCGTTTACCAGAAGC
TTTACCAAGTAGAATTTGGCAACACAACAGAGGAATCTGCCTGCCTCCCAAGTTTCCCATATACTTCTAA
ATCCACGTGGAAAACCTTGACCTGGGCACCTTCTGCTGTTCTTTATCTTGCCTTTGCTGGTCTGGTG
GCTGTCTATGGTCATGTGGCAAAAAGCTGTGGATCCATGATGCTGTTGATGACATCAATATCCACACTT
ACATCTGCCAGCGTGGGAAGAAGAAGCAGACCCTAAAGATGCTGATGACAGTGGTGTCTGTATACAAT
CAGCTGGCTCCCCCTCAACGTGTACCTGGTGTCTCTGCTCCAGTGAATCCATCTCAAGCCACAATGGTCTC
TACTTTTTCTCCACTGGCTAGCAATTAGTAGTTCCTGCTACAACCCCTACATTTATTGCTGGCTCAGTG
ATAGTTTCCGATTTGAAGTTCAGAAAGTCATCATGAAATCCAGAAGATGCTACTAGATAAAATCAGCCG
CCTCAGGGGAGAGCATCGCCGACTGAGCTCTGTATCTCACAGCCAAACCCCTGGCAGTGTGGATCCCAAT
CCAGGAGTGCCCAATTTCCACGATTCAGAGATTTTGATGAGCTGCCAGTCCCCTCCCTCCCAACAG
TGAAATCTCCTTCTCCATTCAGTGCCTAGAGTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG214762 representing NM_029536
Red=Cloning site Green=Tags(s)

MDAPTTDVPPEDFQSPGTMGFGDELTPREALSVPSGFDLITSTTSQVLQAASNAGRNGMLSKMDKLADHM
SNSGLADTSGPLDLEIVSQDEQVQFWLVVGYTIVVFAAIIGNWVLNHIIMKYKRVHTATGLFVVNIVST
NMMLALLSSPFTMVRYLCNSLVFGKMTCHLSRFAQYSCAYVTVMSMAAISLDRHRVMLYPLKARITPMQG
NVCIIIIWIVSTCAALPHAVYQKLYQVEFGNTTEESACLPSFPYTSKSTWKYLDLGTFLFFILPLLVLV
AVYGHVAKKLWIHDAVDDINIHTYICQRGKKKQTLKMLMTVVLLYISWLPNLYLVLLSSEISSHNL
YFFLHWAISSCYNPYIYCWLSDFRIEVQKVIQKMLLDKISRLRGEHRRLLSSVSHSQTGPSVDPN
PGVPKFFRFRDFDELPSPPSPPTVEISFLHSVPRV

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja2474_c02.zip

Restriction Sites: SgfI-MluI

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_029536.3](#), [NP_083812.1](#)

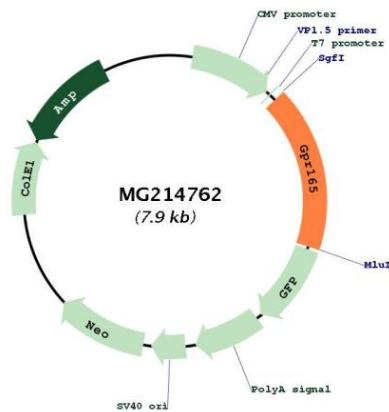
RefSeq Size: 3194 bp

RefSeq ORF: 1368 bp

Locus ID: 76206

Cytogenetics: X

Product images:



Circular map for MG214762