

Product datasheet for **RC213763**

GPR156 (NM_153002) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR156 (NM_153002) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR156
Synonyms:	GABABL; PGR28
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RC213763 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCCTGAAATAAAGTCTCTGAATTGTGTGACAGTTTTCTGGCCAGGAGCTGGATCGGAGACCCC
TTCATGATCTCTGCAAGACAACAATTACATCTTCCACCACAGCAGTAAGACCATCTCTTATTATCTCC
TGTCTCTTGGGTATTGTTTGGACTTTTTCTCAGCTGTGGACTTCTGCTGATACTTTTCTTTCTTGCCTTT
ACAATTCAGTGCAGGAAGAAGCAGGATTGTGAAGATGTCCAGTCCCAATCTGAACATTGTGACCTTACTGG
GCAGTTGTCTCACTTACAGTAGCGCTTACCTCTTTGGGATTAGGATGTTTTAGTGGGGAGCTCAATGGA
AACTCTCATTAGACAAGACTGTCCATGCTGTGCATTGGGACCTCCCTTGTGTTGGCCCCATTCTGGGA
AAGAGCTGGCGACTCTACAAGGTGTTACCCAAAGGGTCCCGACAAGAGAGTGATTATCAAAGACCTGC
AGTTGCTGGGGTGGTGGCAGCCCTGTTGATGGCTGATGTGATCCTGCTCATGACGTGGGTGCTGACTGA
TCCCATCCAGTGCCTCCAGATTCTCAGTGTGAGTATGACGGTGACAGGAAAGACGTGCTCTGCCTTCCG
ACCAGCACCCACTTCTGTGCTTCCCGGTATTCCGATGTTTGGATTGCTCTCAATTTGGGGATGCAAGGGTC
TGCTCCTGCTGTATGGTGCCTACCTGGCTGGCCTGACTGGCCATGTGAGCTCCCTCCTGTGAATCAGTC
CTTAACCATCATGGTGGGGTCAACCTCCTTGTACTGGCTGCTGGGCTGCTTTTTGTAGTACCAGATAC
TTGCATTCCTGGCCCAACCTGGTCTTTGGACTCACATCTGGAGGGATCTTTGTTGTACAACATAATCA
ACTGCTTCATCTTATCCCCAGCTGAAGCAATGGAAGGCATTTGAAGAGGAAAACCAACAATCAGACG
CATGGCCAAATATTTAGCACTCCCAACAAAAGCTTCCATACCCAGTATGGTGGAGGAGAACTGCCAC
CCGAGGGGAGAGAAAAGCTCCATGGAGAGGCTCCTCACAGAAAAAATGCTGTGATTGAAAGCCTCCAGA
AACAGTAAACAACGCCAAAGAGAAGATTGTGAGGCTGATGTGAGCTGAGTGCACCTATGACCTCCAGA
GGGGGCTGCCCCACCTGCCTCTTCCCGAACAAGGACGTCCAGGCGGTAGCCTCGGTCCACACCCTGGCA
GCTGCTCAGGGCCTTCGGGTACCTCTGACTTTTCAAGATGATCCTGGCATGGCTGCCGGGATTCCC
AGTGCCTTACAGGGCCTCCTCATATGCACAAAGCCTTGGAGGGCCTGGGAAGGACTCCAGCTTCTCCCC
AGGGAAGGAGGAGAAGATATCTGACTCAAAGACTTTTTCTGATCATTTAGACTCAGGTTGTAGCCAGAAG
CCATGGACTGAGCAAAGCCTGGTCCAGAAAGAGGAGACCAAGTCCCATGAACCCAGCCAGAGTCTCC
TACCAGATAGAGGCGCTCAGATCCCCAGAGACAGAGGCATCTGGAGAATCAGAGGAGCCCCAGAGCG
GCGGTACGGGTAGTTCAGTAATCAGGAGAACTTACAGAGGCTTACAAGATCTGGCCTGGGCCCT
GAGGCTTCCCTCTCCACCGCCCCCTTGTGATCAGCAAACCTGGAAGAACAGTGTGCCTCAGCCCCC
AAAAGATGCCCTCTCCAAGGAGCTGGGCTTTAGCCCTTACATGGTGGAGAGAAGGCGGGCAGCTCAGCG
GGCCCGCTCACACTTTCCTGGCTCTGCACCTCATCTGTGGGGCATCGGGCAAACAGGACTGTTCTGGG
GCACACAGCAGGCTACATGTGCAGAATGGGGACAGCCCCAGCCTGGCCCCACAACTACTGATTCCAGAG
TACGAAGACCTTCTTCCAGGAAGCCTTCACTACCTCAGATCCTCAAGACAGACCAGGTACCCTGGAGGG
CAGCAAACAAGCCAGACAGAGCCCGAGGGGGCTAGAGGGAGCAAAGCAGCCTTCTTCCGCCAGCCTTCT
GGTCTGGCCGGGCCCAAGTCTGTGCCCCATGCCTCTCAAAGCCTCACCTGACTTGCTGAACAGT
GGCAGCTGTGGCCCCAGTGCCTCAGGCTGTGCCTCCCTGTCTTCAACACAGCTATTTGATACTGA
GTCCAGCAGCTCAGATGAGTTCTTCTGCCGCTGCCACCGGCCCTACTGTGAAATCTGCTTCCAGAGCTCT
TCTGACTCTAGTGACAGTGGCACATCAGACACTGACCCTGAGCCTACTGGGGGGCTGGCTTCCCTGGGAAA
AGCTGTGGGCCGCTCCAAGCCTATTGTGAACCTCAAAGATGACTTGAACCCACGCTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213763 protein sequence
Red=Cloning site Green=Tags(s)

MEPEINCSELCDSPFGQELDRRPLHDLCKTTITSSHSSKTISSLSPLVLLGIWVTFVLSGGLLLILFFLAF
TIHCRKNRIVKMSSPNLNIIVTLGSLTYSSAYLFGIQDVLVGSSMETLIQTRL SMLCIGTSLVFGPILG
KSWRLYKVFTRVDPKRVIIKDLQLLGLVAALLMADVILLMTWVLTDP IQCLQILSVSMTVTGKDV SCTS
TSTHFCASRYSDVWIALIWGCKGLLLL YGAYLAGLTGHVSSPPVNSQLTIMVGVNLLVLAAGLLFVVTRY
LHWPNLVFGLTSGGIFVCTTTINCFIFIPQLKQWKA FEEENQTI RRMAYFSTPNKSFHTQY GEEENCH
PRGEKSSMERLLTEKNAVIESLQEQVNNAKEKIVRLMSAECTYDLPEGAAPPASSPNKDQAVASVHTLA
AAQGPSGHLSDFNQDPGMAARDSQCTSGPSSYAQSLEGP GKDSSFSPGKEEKISDSKDFSDHLD SGCSQK
PWTEQSLGPERGDQVPMNPSQSLLPDRGGSDPQRQRHLENSEPPERRSRVSSVIREKLQEVLDLGLGP
EASLSTAPSCHQQTWKNSAAFSPQKMPLSKELGFSPYVRRRRRAAQRARSHFPGSAPSSVGHANRTVPG
AHSRLHVQNGDSPSLAPQTTDSRVRRPSSRKPSLPSDPQDRPGTLEGSKQSQTEPEGARGSKAAFLRQPS
GSGRAPSPAAPCLSKASPDLPQWQLWPPVPSGCASLSSQHSYFDTESSSSDEFFCRCHRPYCEICFQSS
SDSSDSGTSDTDPEPTGGLASWEKLWARSKPIVNFKDDLKPTLV

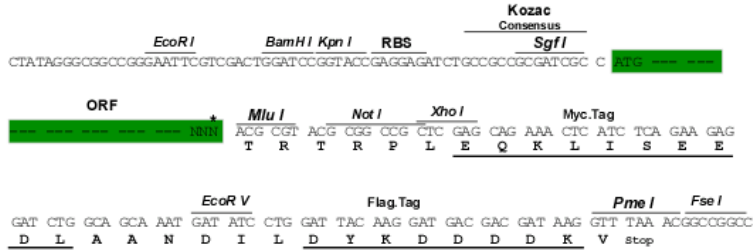
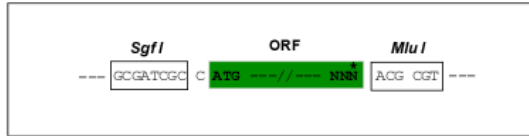
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6610_a06.zip

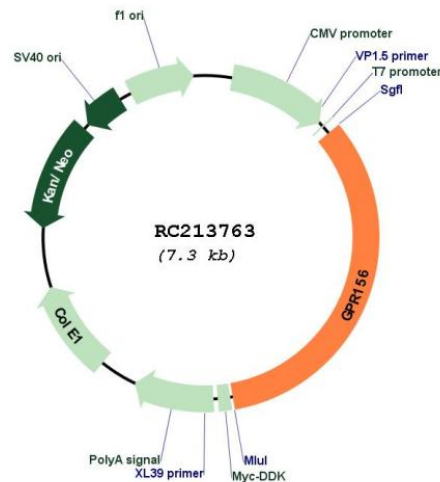
Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_153002

ORF Size: 2442 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.

RefSeq: [NM_153002.1](#), [NP_694547.1](#)

RefSeq Size: 4200 bp

RefSeq ORF: 2445 bp

Locus ID: 165829

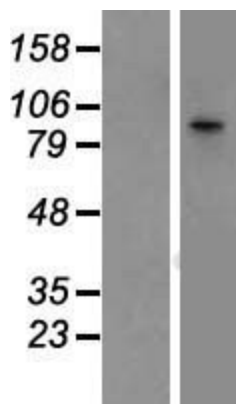
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 89.1 kDa

Gene Summary: G protein-coupled receptors (GPCRs) are a large superfamily of cell surface receptors characterized by 7 helical transmembrane domains, together with N-terminal extracellular and C-terminal intracellular domains. [supplied by OMIM, Mar 2008]

Product images:



Western blot validation of overexpression lysate (Cat# [LY407189]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC213763 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).