

Product datasheet for **RG234953**

GPR155 (NM_001267051) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR155 (NM_001267051) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GPR155
Synonyms:	DEP.7; DEPDC3; PGR22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234953 representing NM_001267051
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATTCTAATTTACCTGCAGAGAACTTAACCATTGCAGTCAATATGACCAAGACTTTGCCTACAGCAG
 TAACGCATGGATTTAATTCCTAATGACCCACCTTCAATGTCAATTACAAGCCTTTTTCCAGCCTTACT
 GGAATGCTTTGGCATTGTCTTTGTGGCTACATAGCAGGAAGGGCCAATGCATAACATCAACCCAGGCC
 AAAGGACTAGGAAATTTGTCTCCAGATTTGCACTTCCAGCTTTATTATCAAAAACATGGTTGACTTTA
 ATTTTTCCAATGTGGACTGGTCTTCTATATAGTATCTTAATTGCCAAAGCTTCTGTATTTTTCTATTGT
 ATGTGTATTAACCTTATTGGTTGCCAGTCTGATAGTCGATTTAGCAAAGCTGGACTATTCCTATTTTT
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 CTCTCGCTGTATTACAGAACCCAAATAGTATTTATGGTCTTCATTGGCATCGCCTCAATTTTATCTTG
 ATCGAAAGGTACCTGTATATGTCGAAAATTTCTTGATGGACTTGGAAATCTTTTTCTGGATCAGCCCT
 ATTTTATCTTGGTCTCACGATGGTGGGAAAAATAAGAGACTGAAGAAGTCGGCATTGTAGTACTAATT
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 AGGAGTGGCTATCTTTGCAACACAATTCACATGGAAGTAGAAATTATAACCTCAGGGATGGTGATAAGC
 ACATTTGTGTCTGCTCCCATCATGTACGTTTCTGCCTGGTACTGACCTTCCCACTATGGACCCTAAGC
 CATTGGCATATGCCATCCAGAATGTTAGTTTTGATATAAGTATTGTCAGCCTGATCTCTGTCTATTGT
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 TGAACCAGACTGCCCAAGCAGGAAGCTATGAAGGTTTCGATCAGTCTCAGAGCCACAAAGTGGTGGAGCC
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 AACATTTATCCATTATCACCGTGACCTCTGTATCCGAAACATTGTCAAAGAAAGAAGGTGGTGGCAAA
 GACTTCTGCTGGAATTTCTGTGGCTGTGACCTGGTGGCTAATTGAAGTCGGCCTTGCCTCCGAG
 CGTGGTGAAGCTGTGATATACGGAGACAGGCTGGTACAAGGGGGAGTCAACAACATATTACCAACGAGT
 ATGAATTCGGGATGAGTACTTGTGTTTACAGATTTCTTCAAAAGAGTCCGAAACAGATCCTCCTGCTAT
 TAATGCAAACTCTCCAACAGGAAAGATATAAAGAAATGAGCATTCATCCCCACCCTCACATTCCTT
 AAGACC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG234953 representing NM_001267051
Red=Cloning site Green=Tags(s)

MNSNLP AENLTI AVNMTKLTPTAVTHGFNSTNDPPSMSITRLFPALLECFGIVLCGYIAGRANVITSTQA
KGLGNFVSRFALPALLFKNMVVLFNSVDWSFLYSILIAKASVFFIVCVLTLLVASPDSRFKAGLFPIF
ATQSNDFALGYPIVEALYQTTYPEYLQYIYLVAPISLMMLNPIGFIFCEIQKWKDTQNASQNKIKIVGLG
LLRVLQNPIVFMVFIGIAFNFIIDRKVPVYVENFLDGLGNSFSGSALFYGLTMVGKIKRLKKSASFVLI
LLITAKLLVLPLLCREMVELLDKGDSDVNHTSLSNYAFLYGVFPVAPGVAIFATQFNMEVEIITSGMVIS
TFVSAPIMYVSAWLLTFPTMDPKPLAYAIQNVSFDISIVSLISLSIVCAGMMIWNFVKEKNFVFGQILV
LLYSSLYSTYLWTGLLAISLFLKKRERVQIPVGIIISGWGIPALLVGVLITGKHNGDSIDSAFFYK
EQMITTAVTLFCSILIAGISLMCMNQTAQAGSYEGFDQSQSHKVVVEPGNTAFEESPAPVNEPELFTSSIP
ETSCCSCSMGNGELHCPSIEPIANTSTSEPVIPSF EKNNHCVSRCSQSCILAQEEEQYLQSGDQQLTRH
VLLCLLLIIGLFANLSSCLWWLFNQEPGRLYVELQFFCAVFNFGQGFISFGIFGLDKHLIILPFKRRLEF
LWNNKDTAENRDSPVSEEIKMTCQQFIHYHRDLCIRNIVKERRCGAKTSAGTFCGCDLVSWLIEVGLASD
RGEAVIYGDRLVQGGVIQHITNEYEFRDEYLFYRFLQKSPEQSPAINANTLQQERYKEIEHSSPPSHSP
KT

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001267051

ORF Size: 2526 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: [NM_001267051.1](#), [NP_001253980.1](#)

RefSeq Size: 7321 bp

RefSeq ORF: 2529 bp

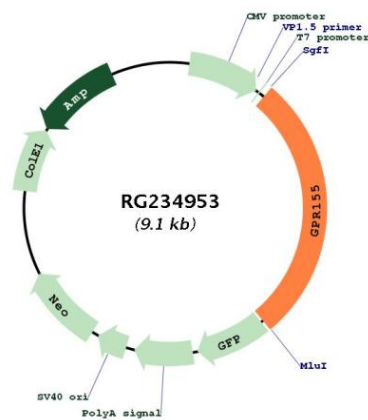
Locus ID: 151556

UniProt ID: [Q7Z3F1](#)

Cytogenetics: 2q31.1

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Circular map for RG234953