

Product datasheet for **RC234953**

GPR155 (NM_001267051) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR155 (NM_001267051) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR155
Synonyms:	DEP.7; DEPDC3; PGR22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC234953 representing NM_001267051
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATTCTAATTTACCTGCAGAGAACTTAACCATTGCAGTCAATATGACCAAGACTTTGCCTACAGCAG
 TAACGCATGGATTTAATTCCTAATGACCCACCTTCAATGTCAATTACAAGCCTTTTTCCAGCCTTACT
 GGAATGCTTTGGCATTGCTTTGTGGCTACATAGCAGGAAGGGCCAATGCATAACATCAACCCAGGCC
 AAAGACTAGGAAATTTGTCTCCAGATTTGCACTTCCAGCTTTATTATCAAAAACATGGTTGACTTTA
 ATTTTTCCAATGTGGACTGGTCTTCTATATAGTATCTTAATTGCCAAAGCTTCTGATTTTTCTATTGT
 ATGTGTATTAACCTTATTGGTTGCCAGTCTGATAGTCGATTTAGCAAAGCTGGACTATTCCTATTTTT
 GCTACACAAAAGTAATGACTTTGCATTGGGATACCTATAGTTGAAGCTTTATATCAAACACATACCCAG
 AATATCTCCAGTACATTTATTTGGTGGCACCAATATCTCTTATGATGTTAAACCCATAGGGTTATTTT
 CTGTGAAATCCAAAAGTGAAAGACACTCAAAATGCTTCTCAAAATAAAATAAAATTTGGGACTCGGA
 CTCTGCGTGTATTACAGAACCCAAATAGTATTTATGGTCTTCATTGGCATCGCCTCAATTTTATCTTG
 ATCGAAAGGTACCTGTATATGTCGAAAATTTCTTGATGGACTTGGAATTTCTTTTTCTGGATCAGCCCT
 ATTTTATCTTGGTCTCACGATGGTGGGAAAAATAAGAGACTGAAGAAGTCGGCATTGTAGTACTAATT
 CTTCTCATCACAGCTAAACTTCTGGTGTGCCACTTCTGTGCAGAGAAATGGTGGAACTCTTGGACAAGG
 GCGACAGTGTGGTGAACCATACAAGTTTATCAAATATGCATTTCTGTATGGTGTATTTCTGTAGCACC
 AGGAGTGGCTATCTTTGCAACACAATTCACATGGAAGTAGAAATTATAACCTCAGGGATGGTGATAAGC
 ACATTTGTGTCTGCTCCCATCATGTACGTTTCTGCCTGGTACTGACCTTCCCACTATGGACCCTAAGC
 CATTGGCATATGCCATCCAGAATGTTAGTTTTGATATAAGTATTGTCAGCCTGATCTCTGTCTATTGT
 CTGTGCTGGAATGATGATATGGAATTTTGTAAAGAAAAAATTTGTTGGACAAATTTGGTGTTTGTT
 CTATTGTACAGCTCCCTCTATAGCACCTACCTGTGGACAGGCCTTCTAGCAATTTCTTTGTTTCTTTGA
 AAAAGCGAGAGAGGGTACAAATCCTGTTGGAATAATCATAATATCTGGCTGGGGAATCCTGCTCTCCT
 TGTGGTGTCTTTTGAATACTGGAAAACACAATGGAGATAGCATTGACTCAGCCTTCTTTTATGGAAAA
 GAACAGATGATCACACAGCAGTCAACCCTGTTCTGCAGCATCCTGATAGCTGGCATATCCCTCATGTGCA
 TGAACCAGACTGCCCAAGCAGGAAGCTATGAAGGTTTCGATCAGTCTCAGAGCCACAAAGTGGTGGAGCC
 TGGAAATACTGCTTTTGGAGAGTCCAGCACCAGTAAATGAACCAGAACTTTTACAAGCTCTATTCCA
 GAAACAAGTTGCTGCTCCTGCTCCATGGGAAATGGTGAATTACTGCCCATCAATAGAGCCAATAGCAA
 ACACAAGCACCAGTGAGCCTGTGATTCCTTCGTTTGGAAAAACAATCATTGTGTGAGTCCGTGTAACCT
 CCAGAGCTGCATATTAGCCCAGGAAGAAGAACAGTATCTACAGAGTGGAGACCAGCAACTGACCCGACAT
 GTGTTGCTGTGTTACTTCTCATCATTGGCCTGTTTCGCTAATCTTTCCAGTTGTTTATGGTGGCTATTCA
 ACCAAGAGCCTGGAAGACTTTATGTTGAGTTACAGTTTTTCTGTGCCGTGTTAACTTTGGTCAGGGATT
 TATTTCTTTGGAATCTTTGGATTAGATAAACATTTAATCATCTGCCTTTCAAAGAAGACTTGAATTC
 CTATGGAACAATAAAGACACAGCAGAAAACAGGGATTCTCCTGTTTCAGAGGAAATAAAATGACCTGTC
 AACATTTATCCATTATCACCGTGACCTCTGTATCCGAAACATTGTCAAAGAAAGAAGGTGGTGGCAAA
 GACTTCTGCTGGAACCTTCTGTGGCTGTGACCTGGTGGCTAATTGAAGTCGGCCTTGCCTCCGAG
 CGTGGTGAAGCTGTGATATACGGAGACAGGCTGGTACAAGGGGAGTCAACAACATATTACCAACGAGT
 ATGAATTCGGGATGAGTACTTGTTTTACAGATTTCTTCAAAGAGTCCGAAACAGATCCTCCTGCTAT
 TAATGCAAACACTCTCCAACAGGAAAGATATAAAGAAATGAGCATTCATCCCCACCCTCACATCCCCT
 AAGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC234953 representing NM_001267051
 Red=Cloning site Green=Tags(s)

MNSNLPAENLTIAVNMTKLTPTAVTHGFNSTNDPPSMSITRFLPALLECFGIVLCGYIAGRANVITSTQA
 KGLGNFVSRFALPALLFKNMVVLNFSNVDWSFLYSILIAKASVFFIVCVLTLVSPDSRFSKAGLFPIF
 ATQSNDFALGYPIVEALYQTTYPEYLQYIYLVAPISLMMLNPIGFI FCEIQKWKDTQNASQNKIKIVGLG
 LLRVLQNPVIVFMVFIGIAFNFILD RKVPVYVENFLDGLGNSFSGSALFYGLT MVGKIKRLKKS AFVVI
 LLITAKLLVLP LLLCREMVELLDKGD SVVNHTSLSNYAFLYGVFPVAPGVAIFATQFNMEVEIITSGMVIS
 TFVSAPIMYVSAWLLTFPTMDPKPLAYAIQNVSFDISIVSLISLSIVCAGMMIWNFVKEKNFVQGILV FV
 LLYSSLYSTYLWTGLLAISLFLKKRERVQIPVGI IISGWGIPALLVGVLLITGKHNGDSIDSAFFYGK
 EQMITTAVTLFCSIL IAGISLMCMNQTAQAGSYEGFDQSQSHK VVEPGNTAFEESPAPVNEPELFTSSIP
 ETSCCSCSMGNGELHCPSIEPIANTSTSEPVIPSF EKNNHCVSRCSQSCILAQEEEQYLQSGDQQLTRH
 VLLCLLLIIGLFANLSSCLWWLFNQEPGRLYVELQFFCAVFNFGQGFISFGIFGLDKHLIILPFKRRLEF
 LWNKDTAENRDSVPVSEEIKMTCQQFIHYHRDLCIRNIVKERRCGAKTSAGTFCGCDLVSWLIEVGLASD
 RGEAVIYGDRLVQGGVIQHITNEYEFRDEYLFYRFLQKSPEQSPAINANTLQQERYKEIEHSSPPSHSP
 KT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

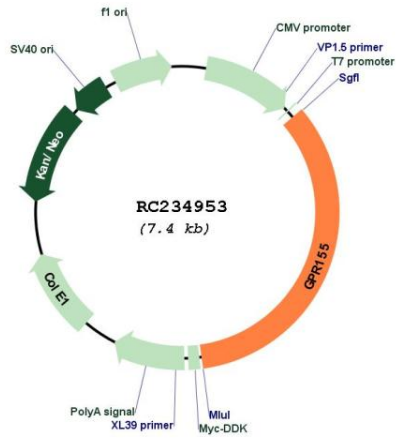
SgfI-MluI

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:	<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:	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
MW:	94.1 kDa

Product images:



Circular map for RC234953