

Product datasheet for RC231173

GPR35 (NM_001195381) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR35 (NM_001195381) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231173 representing NM_001195381 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAGTGGTTCCCGGGCTGTCCCACTCCACACCGTGGCAGTGAAGAGCTGCTGAAGTACATGCTTC
ATAGTCCTTGGCTCTCTGACCATGAATGGCACCTACAACACCTGTGGCTCCAGCGACCTCACCTGGCC
CCCAGCGATCAAGCTGGGCTTCTACGCCTACTTGGGCGTCTGCTGGTGTAGGCTGCTGCTCAACAGC
CTGGCGCTCTGGGTGTTCTGCTGCCGCATGCAGCAGTGGACGGAGACCCGCATCTACATGACCAACCTGG
CGGTGGCCGACCTCTGCCTGCTGTGCACCTTGCCTTCGTGCTGCACTCCCTGCGAGACACCTCAGACAC
GCCGCTGTGCCAGCTCTCCAGGGCATCTACCTGACCAACAGGTACATGAGCATCAGCCTGGTCACGGCC
ATCGCCGTGGACCGCTATGTGGCCGTGCCGCACCCGCTGCGTGCCCGCGGGCTGCGGTCCCCAGGCAGG
CTGCGGCCGTGTGCGCGTCTCTGGGTGCTGGTTCATCGGCTCCCTGGTGGCTCGCTGGCTCCTGGGGAT
TCAGGAGGGCGGCTTCTGCTTCCAGGAGCACCCGGCACAATTTCAACTCCATGGCGTTCCTGCTGGGA
TTCTACCTGCCCTGGCCGTGGTGGTCTTCTGCTCCCTGAAGGTGGTACTGCCCTGGCCAGAGGCCAC
CCACCGACGTGGGCAGGCAGAGGCCACCCGAAGGCTGCCCGCATGGTCTGGGCCAACCTCCTGGTGT
CGTGGTCTGCTTCTGCCCTGCAGTGGGGCTGACAGTGGCCTCGCAGTGGGCTGGAACGCTGTGCC
CTCCTGGAGACGATCCGTGCGCCCTGTACATAACCAGCAAGCTCTCAGATGCCAACTGCTCCTGGACG
CCATCTGCTACTACTACATGGCCAAGGAGTCCAGGAGGCGTCTGCACTGGCCGTGGCTCCCAGTGCTAA
GGCCACAAAAGCCAGGACTCTCTGTGCGTGACCCCTCGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001195381.2](#)

RefSeq ORF: 1023 bp

Locus ID: 2859

UniProt ID: [Q9HC97](#)

Cytogenetics: 2q37.3

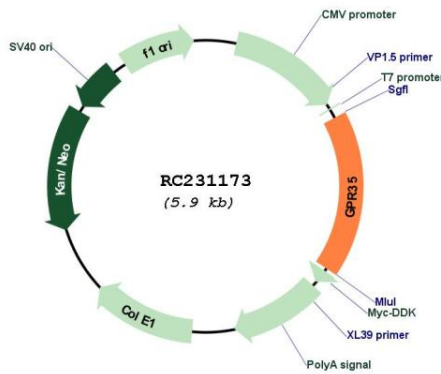
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 37.9 kDa

Gene Summary: Acts as a receptor for kynurenic acid, an intermediate in the tryptophan metabolic pathway. The activity of this receptor is mediated by G-proteins that elicit calcium mobilization and inositol phosphate production through G(qi/o) proteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC231173