*h*GPR85 VersaClone cDNA

Catalog Number: RDC0607

Specifications:

Gene:	*h*GPR85
Accession:	NP_061843
Insert size:	1126bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

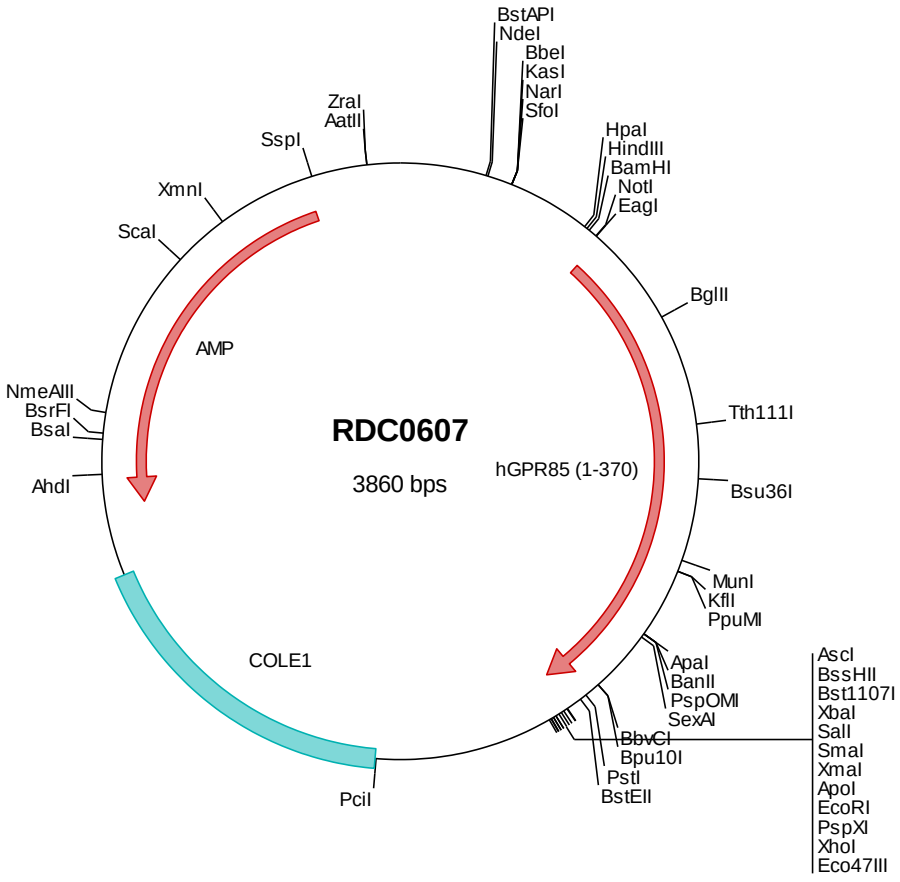
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*GPR85 cDNA Plasmid

GPR85 G protein-coupled receptor 85 [*Homo sapiens*]

Also known as: SREB; SREB2

Summary:
GPR85 is the most conserved G protein-coupled receptor (GPCR) throughout vertebrate evolution and is expressed abundantly in many brain structures. GPR85 plays a role in determining brain size. It modulates diverse behaviors, and is involved in vulnerability to schizophrenia. GPR85 is a target for psychiatric drug therapy. There is 100% identity at the amino acid level for this protein in human, mouse, rat, dog and several other species.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0607 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggcgaact atagccatgc agctgacaac attttgcaaa atctctcgcc
 501  tctaacagcc tttctgaaac tgacttcctt gggtttcata ataggagtca gcgtggtggg caacctcctg atctccattt tgctagtgaa agataagacc
 601  ttgcatagag caccttacta cttcctgttg gatctttgct gttcagatat cctcagatct gcaatttgtt tcccatttgt gttcaactct gtcaaaaatg
 701  gctctacctg gacttatggg actctgactt gcaaagtgat tgcctttctg ggggttttgt cctgtttcca cactgctttc atgctcttct gcatcagtgt
 801  caccagatac ttagctatcg cccatcaccg cttctataca aagaggctga ccttttggac gtgtctggct gtgatctgta tggtgtggac tctgtctgtg
 901  gccatggcat ttcccccggt tttagacgtg ggcacttact cattcattag ggaggaagat caatgcacct tccaacaccg ctccttcagg gctaatgatt
1001  ccttaggatt tatgctgctt cttgctctca tcctcctagc cacacagctt gtctacctca agctgatatt tttcgtccac gatcgaagaa aaatgaagcc
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1701  gaagcataaa gtgtaaagcc tggggtgcct aatgagtgag ctaactcaca ttaattgcgt tgcgctcact gcccgctttc cagtcgggaa acctgtcgtg
1801  ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg actcgctgcg ctcggtcgtt
1901  cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa catgtgagca aaaggccagc
2001  aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccataggg ctccgccccc ctgacgagca tcacaaaaat cgacgctcaa gtcagaggtg
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2501  gctctgctga agccagttac cttcggaaaa agagttggta gctcttgatc cggcaaacaa accaccgctg gtagcggtgg ttttttttgtt tgcaagcagc
2601  agattacgcg cagaaaaaaa ggatctcaag aagatccttt gatcttttct acggggtctg acgctcagtg gaacgaaaac tcacgttaag ggattttggt
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2901  agggcttacc atctggcccc agtgctgcaa tgataccgcg agacccacgc tcaccggctc cagatttatc agcaataaac cagccagccg gaagggccga
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3601  aggaaggcaa aatgccgcaa aaaagggaat aagggcgaca cggaaatgtt gaatactcat actcttcctt tttcaatatt attgaagcat ttatcagggt
3701  tattgtctca tgagcggata catatttgaa tgtatttaga aaaataaaca aatagggggtt ccgcgcacat ttccccgaaa agtgccacct gacgtctaag
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> RDC0607 Translated Insert Sequence

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 201  vylkliffvh drrkmkpvqf vaavsqnwtf hgpgasgqaa anwlagfgrg ptpptllgir qnanttgrrr llvldefkme krisrmfyim tflfltlwgp
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