

Product datasheet for **SC123702**

GPR87 (BC009540) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR87 (BC009540) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR87
Synonyms:	G protein-coupled receptor 87; KPG_002
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC009540 edited

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GGATCTTCTTCCACATTAGGAATAAAACCAGCTTCATATTCTATCTCAAAAACATAGTGG
TTGCAGACCTCATAATGACGCTGACATTTCCATTTGGAATAGTCCATGATGCAGGATTTG
GACCTTGGTACTTCAAGTTTATTCTCTGCAGATACACTTCAGTTTTGTTTTATGCAAACA
TGTATACTTCCATCGTGTTCCTTGGGCTGATAAGCATTGATCGCTATCTGAAGGTGGTCA
AGCCATTTGGGGACTCTCGGATGTACAGCATAACCTTCACGAAGGTTTTATCTGTTTGTG
TTTGGGTGATCATGGCTGTTTTGTCTTTGCCAAACATCATCTGACAAATGGTCAGCCAA
CAGAGGACAATATCCATGACTGCTCAAACTTAAAAGTCTTTGGGGGTCAAATGGCATA
CGGCAGTCACCTATGTGAACAGCTGCTTGTGTGGCCGTGCTGGTGATTCTGATCGGAT
GTTACATAGCCATATCCAGGTACATCCACAAATCCAGCAGGCAATTCATAAGTCAGTCAA
GCCGAAAGCGAAAACATAACCAGAGCATCAGGGTGTGTGGCTGTGTTTTTACCTGCT
TTCTACCATATCACTTGTGCAGAATTCCTTTACTTTTAGTCACTTAGACAGGCTTTTAG
ATGAATCTGCACAAAAATCCTATATTACTGCAAAGAAATTACACTTTTTCTGTCTGCGT
GTAATGTTTGCCTGGATCCAATAATTTACTTTTTCATGTGTAGGTCATTTTCAAGAAGGC
TGTTCAAAAAATCAAATATCAGAACCAGGAGTAAAGCATCAGATCACTGCAAAGTGTGA
GAAGATCGGAAGTTCGCATATATTATGATTATACTGATGTGTAGGCTTTTATTGTGTGT
TGGAAATCGATATGTACAAAGTGTAAATAAATGTTTCTTTTCATTAATAAAAAAAAAAAAA
AATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009540 unedited AACTGNTTANNGTAAACGACTTATATAGGCGGCCGCCAGTGTGATGGATATCTGCAGAAT TCGGCTTAGTGCATCACAACTGAAGATGGGGTTCAACTTGACGCTTGCAAAATTACAAA TAACGAGCTGCACGGCCAAGAGAGTCACAATTCAGGCAACAGGAGCGACGGGCCAGGAAA GAACACCACCCTTCACAATGAATTTGACACAATTGTCTTGCCGGTGCTTTATCTCATTAT ATTTGTGGCAAGCATCTTGCTGAATGGTTTAGCAGTGTGGATCTTCTCCACATTAGGAA TAAAACCAGCTTCATATTCTATCTCAAAAACATAGTGGTTGCAGACCTCATAATGACGCT GACATTTCCATTTCTGAATAGTCCATGATGCAGGATTTGGACCTTGGTACTTCAAGTTTAT TCTCTGCAGATACACTTCAGTTTTGTTTTATGCAAACATGTATACTTCCATCGTGTCTCT TGGGCTGATAAGCATTGATCGCTATCTGAAGGTGGTCAAGCCATTTGGGGACTCTCGGAT GTACAGCATAACCTTCACGAAGGTTTTATCTGTTTGTGTTTGGGTGATCATGGCTGTTTT GTCTTTGCCAAACATCATCCTAACAAATGGTCAGCCAACAGAGGACAATATCCATGACTG CTCAAAACTTAAAAGTCTTTGGGGTCAAATGGCATAACGGCAGTACCTATGTGAACAG CTGCTTGTGTTGTGGCCGTGCTGGTATTCTGATCNGATGGTACATAGCCATATCCAGGTA CATCCACAAATCCAGCAGCAATTCATAAGTCAGTCAAGCCGAAAGCGAGAACATACCAG ACATCAGGGGTGGTGNGGCTGNNGTTTTACCTGCTTTCTACATATCACTTGTGCAGAAT NCCTTTACTTTTTAGTCACTTAGACAGGCTTNTAGATGAATCTGCACAAAAATCCTT
Restriction Sites:	Please inquire
ACCN:	BC009540
Insert Size:	1012 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	BC009540.1 , AAH09540.2
RefSeq Size:	1012 bp
Locus ID:	53836
Cytogenetics:	3q25.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	This gene encodes a G protein-coupled receptor and is located in a cluster of G protein-couple receptor genes on chromosome 3. The encoded protein has been shown to be overexpressed in lung squamous cell carcinoma (PMID:18057535) and regulated by p53 (PMID:19602589). [provided by RefSeq, Nov 2011]