

Product datasheet for SC117497

GPR10 (PRLHR) (NM_004248) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR10 (PRLHR) (NM_004248) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR10
Synonyms:	GPR10; GR3; PrRPR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004248, RT-PCR generated
 ATGGCCTCATCGACCACTCGGGGCCAGGGTTTCTGACTATTTTCTGGGCTGCCGCCG
 GCGGTCACAACTCCCGCAACCAGAGCGCAGAGGCCTCGCGGGCAACGGGTCGGTGGCT
 GCGCGGACGCTCCAGCGTCACGCCCTTCCAGAGCCTGCAGCTGGTGATCAGCTGAAG
 GGGCTGATCGTGCTGCTACAGCGTCGTGGTGGTGGTGGGCTGGTGGGCAACTGCCTG
 CTGGTGTGGTATCGCGCGGTGCGCCGGCTGCACAACGTGACGAACTTCTCATCGGC
 AACCTGGCCTTGTCCGACGTGCTCATGTGCACCGCCTGCGTGCCGCTCACGCTGGCCTAT
 GCCTTCGAGCCACGCGGTGGGTGTTCCGGCGCGGCCTGTGCCACCTGGTCTTCTTCTG
 CAGCCGGTCACCGTCTATGTGTCGGTGTTCACGCTCACCACCATCGCAGTGGACCGCTAC
 GTCGTGCTGGTGCACCCGCTGAGGCGGCGCATCTCGCTGCGCCTCAGCGCCTACGCTGTG
 CTGGCCATCTGGGCGCTGTCCGCGGTGCTGGCGCTGCCCGCCGCTGCACACCTATCAC
 GTGGAGCTCAAGCCGACGACGTGCGCCTCTGCGAGGAGTTCTGGGGCTCCCAGGAGCGC
 CAGCGCCAGCTCTACGCCTGGGGCTGCTGCTGGTACCTACCTGCTCCCTCTGCTGGTC
 ATCCTCCTGTCTTACGTCCGGGTGTCAGTGAAGCTCCGCAACCGCGTGGTGCCGGGCTGC
 GTGACCCAGAGCCAGGCCGACTGGGACCGCGCTCGGCGCCGGCGCACCTTCTGCTTGCTG
 GTGGTGGTTCGTGGTGGTGTTCGCCGTGCTGGCTGCCGTGCACGTCTTCAACCTGCTG
 CGGGACCTCGACCCACGCCATCGACCCTTACGCCTTGGGCTGGTGCAGCTGCTCTGC
 CACTGGCTCGCCATGAGTTCGGCCTGCTACAACCCCTTCTACGCCTGGCTGCACGAC
 AGCTTCCGCGAGGAGCTGCGCAAACCTGTTGGTTCGCTTGGCCCCGAAGATAGCCCCCAT
 GGCCAGAATATGACCGTCACGCTGGTTCATCTGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004248 unedited AACTCTGATATTTGTAACGATTACTATAGGCGGCCGCCAGTCGTGAGGATATCTGCAGA ATTCGGCTTATGGCCTCATCGACCACTCGGGGCCAGGTTTCTGACTTATTTTCTGGGC TGCCGCCGGCGGTCACTCCCGCAACCAGAGCGCAGAGGCCCTCGGCCGGCAACGGGT CGGTGGCTGGCGCGGACGCTCCAGCCGTACGCCCTTCCAGAGCCTGCAGCTGGTGCATC AGCTGAAGGGGCTGATCGTGTGCTCTACAGCGTCGTGGTGGTCTGGGGCTGGTGGCA ACTGCTGCTGGTGGTGGTATCGCGCGGTGCGCCGGCTGCACAACGTGACGAACCTCC TCATCGGCAACCTGGCCTTGTCCGACGTGCTCATGTGCACCGCCTGCGTGCCGCTCACGC TGGCCTATGCCTTCGAGCCACGCGGCTGGGTGTTGCGCGCGGCCTGTGCCACCTGGTCT TCTTCTGCAGCCGGTACCGTCTATGTGTGGTGTTCACGCTCACCAACATCGCAGTGG ACCGCTACGTCGTGGTGCACCCGCTGAGGCGGCGCATCTCGTGCAGCCTCAGCGCCT ACGCTGTGCTGGCCATCTGGGCGTGTCCGCGGTGCTGGCGCTGCCCGCCGCGTGCACA CCTATCACGTGGAGCTCAAGCCGACGACGTGCGCCTCTGCGAGGAGTTCTGGTGTCCC AGGAGCGCCAGCCAGCTCTACGCTGAGGGCTGCTGCTGGTACCTACCTGCTCCCTC TGCTGGTATCTGCTGTCTTACGTACCGGTGTCAGTGAAGCTCCGCACCCGCGTGGTGC CGGGCTGCGTGACCCANACCCAGCCGACTGGGACCGCGCTCGGTGCCGGCGCACCTCTGC TGATAGAGATGGTCTGGNNGGTTCCGCTCTGCTGCTGC
Restriction Sites:	Please inquire
ACCN:	NM_004248
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:	NM_004248.1 , NP_004239.1
RefSeq Size:	1113 bp
RefSeq ORF:	1113 bp
Locus ID:	2834
UniProt ID:	P49683
Cytogenetics:	10q26.11
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction

Gene Summary:

PRLHR is a 7-transmembrane domain receptor for prolactin-releasing hormone (PRLH; MIM 602663) that is highly expressed in anterior pituitary (Ozawa et al., 2002 [PubMed 11923475]). [supplied by OMIM, Mar 2008]