

Product datasheet for RC223985

GPR25 (NM_005298) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR25 (NM_005298) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223985 representing NM_005298 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCACAGAGCCCTGGAGCCCCAGCCCGGGGTGAGCGCCCTGGGACTACTCGGGTTGGACGGCC
TGGAGGAGCTGGAGCTGTGTCCGGCCGGGACCTGCCCTACGGCTACGTCTACATCCCCGCGCTCTACCT
GGCGGCCCTTCGCCGTGGGCTGCTGGGCAACGCCTTTGTGGTGTGGCTGCTGGCCGGGCGCGGGGGCCCG
CGGCGGCTGGTGGATACCTTCGTGCTGCACCTGGCGGACGCTGACCTGGGCTTCGTGCTCAGCTGCCCG
TGTGGCCCGGGCGGCGGCTAGGCGGCCGCTGGCCGTTCCGGGATGGCCTCTGCAAGCTCAGCAGCTT
CGCGCTGGCGGGCACGCGCTGCGCGGGCGGCTGCTGCTGGCGGGCATGAGCGTGGACCGCTACCTGGCC
GTGGTGAAGCTGCTCGAGGCGAGGCCACTGCGCACCCCGCGCTGCGCGCTGGCCTCGTGCTGCGGCGTCT
GGGCCGTGGCGCTGCTGGCCGGCCTGCCCTCCCTGGTCTACCGGGGGTTGCAGCCCTGCCTGGGGCCA
GGACAGCCAGTGCGGCGAGGAGCCCTCCACGCCTTCCAGGGCCTCAGCTTGCTGCTGCTGCTGACTGACC
TTCGTGCTGCCCTGGTCTGCTCACCCTCTTCTGCTACTGCCGATCTCGCGCCGCTGCGACGGCCCGCGC
ACGTGGGTCCGGCCGGAGGAACCTGCTGCGCATCATCTTCGCCATCGAGAGCACGTTTGTGGGCTCCTG
GCTGCCCTCAGCGCCCTGCGGGCGTCTTCCACTGGCGGCTGCGGGGCGCTGCCGCTGCCGTGCCCG
CTGCTGCTGGCGCTGCGCTGGGGCTCACCATTGCCACCTGCCTGGCCTTCGTCAACAGCTGCGCCAACC
CGCTCATCTACCTCCTGCTGGACCGCTCATTCCGAGCCCGGGCGCTGGACGGGGCCTGCGGGCGCACCGG
CCGCTGGCGGAAGGATCAGCTCAGCCTCCTCGCTCTCCAGGGACGACAGTTCCGTGTTCCGTTGCCGG
GCCAGGCCGGAACACTGCCTCGGCTCCTGG

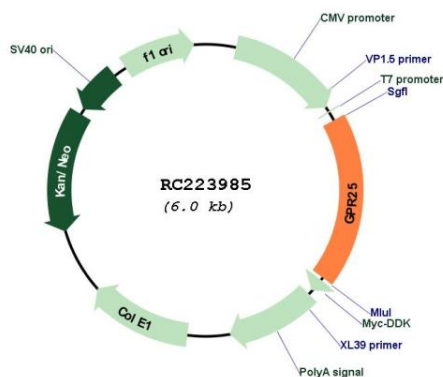
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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:	<u>NM_005298.4</u>
RefSeq Size:	1224 bp
RefSeq ORF:	1086 bp
Locus ID:	2848
UniProt ID:	<u>O00155</u>
Cytogenetics:	1q32.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	39.2 kDa
Gene Summary:	This gene is intronless and encodes a member of the G-protein coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. This gene has been linked to arterial stiffness. [provided by RefSeq, Nov 2012]

Product images:



Circular map for RC223985