

Product datasheet for RC213923

Bombesin Receptor 3 (BRS3) (NM_001727) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bombesin Receptor 3 (BRS3) (NM_001727) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bombesin Receptor 3
Synonyms:	BB3; BB3R; BBR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC213923 representing NM_001727 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAAAGGCAGCCTCACTCACCTAATCAGACTTTAATTTCAATCACAAATGACACAGAATCATCAA
GCTCTGTGGTTTCTAACGATAACACAAATAAAGGATGGAGCGGGACAACCTCCAGGAATAGAAGCATT
GTGTGCCATCTATATTACTTATGCTGTGATCATTTAGTGGGCATCCTGGAAATGCTATTCTCATCAA
GTCTTTTTCAAGACCAAATCCATGCAAACAGTTCCAAATATTTTCATCACCAGCCTGGCTTTGGAGATC
TTTTACTTCTGCTAACTGTGTGCCAGTGGATGCAACTACTACCTTGCAGAAGGATGGCTGTTTCGGAAG
AATTGGTTGTAAGGTGCTCTTTTCATCCGGCTCACTTCTGTTGGTGTGTCAGTGTTCACATTAACAATT
CTCAGCGCTGACAGATACAAGGCAGTTGTGAAGCCAATTGAGCGCAGCCCTCCAATGCCATCCTGAAGA
CTTGTGTAAGGCTGGCTGCGTCTGGATCGTGTCTATGATATTTGCTCTACCTGAGGCTATATTTCAA
TGTATACACTTTTCGAGATCCCAATAAAAAATGACATTTGAATCATGTACCTCTATCCTGTCTCTAAG
AAGCTCTGCAAGAAATACATTCTGCTGTGCTTCTTAGTGTCTACATTATCCACTCTCTATTATCT
CTGTCTACTATTCCTTGATTGCTAGGACCTTTACAAAAGCACCTGAACATACCTACTGAGGAACAAAG
CCATGCCCGTAAGCAGATTGAATCCCGAAAGAGAATTGCCAGAACGGTATTGGTGTGGTGGCTCTGTT
GCCCTCTGCTGGTTGCCAAATCACCTCCTGTACCTTACCATTACTTCTCAAACCTATGTAGACC
CCTCTGCCATGCATTTTCACTTTTCCACCTTTCTCGGGTTTTGGCTTTTCAGCAATCTTGGCTAAACCC
CTTTGCTCTACTGGCTGAGCAAAAGCTTCCAGAAGCATTTTAAAGCTCAGTTGTTCTGTTGCAAGGCG
GAGCGGCTGAGCCTCCTGTTGCTGACACCTCTTACCACCCTGGCTGTGATGGGAACGGTCCCGGCA
CTGGGAGCATACAGATGTCTGAAATTAGTGTGACCTCGTTCACTGGGTGTAGTGTGAAGCAGGCAGAGGA
CAGATTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_001727.2](#)

RefSeq Size: 1413 bp

RefSeq ORF: 1200 bp

Locus ID: 680

UniProt ID: [P32247](#)

Cytogenetics: Xq26.3

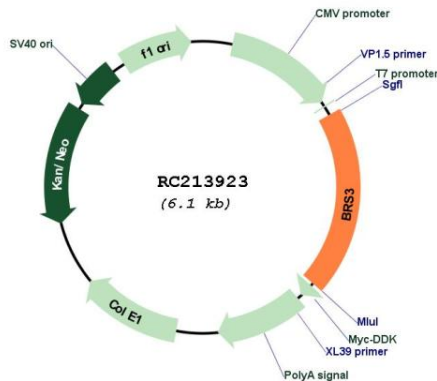
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 44.2 kDa

Gene Summary: The protein encoded by this gene is a G protein-coupled membrane receptor that binds bombesin-like peptides. This binding results in activation of a phosphatidylinositol-calcium second messenger system, with physiological effects including regulation of metabolic rate, glucose metabolism, and hypertension. [provided by RefSeq, Sep 2011]

Product images:



Circular map for RC213923