

Product datasheet for RR210451

Gpbar1 (NM_177936) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpbar1 (NM_177936) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gpbar1
Synonyms:	Tgr5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR210451 representing NM_177936 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGATGTCACACAACACCACTGAGCTGTGAGCCATCCCAGAGGGGTTCCAGGAGCTTTCCCTGGTCTGG
CAAGCCTCATCGTCATCGCAACCTGCTCCTGGCCCTAGGCATTGTCTGGACCGCCACTTACGCAGCCC
ACCTGCTGGCTGCTTCTTTCTAAGCCTACTACTAGCTGGGCTACTCACAGGGTTGGCACTGCCACGCTG
CCTGGGCTATGGAATAGGAGCCATCAGGGGACTGGTCTGCCTCCTTCTCCACTGGCCCCCACTTTT
GTTTCTCTCCCTGCTTGCCAATCTGCTGCTGGTGCATGGGGAACGCTACATGGCAGTGTTCAGCCACT
CCGGCCCCATGGGAGTGTGCGGCTAGCCCTGTTCTCACCTGGATCAGCTCCCTGCTCTTTGCCAGCCTG
CCTGCTCTGGGCTGGAACCACTGGAGTCCCTGGTGCCTGCACTGCCAGCTCCCAGGCTATCTTCCAGCCCCCT
ACCTTTACCTCGAAGTCTATGGGCTCCTGCTGCCCGCTGTGGGGCCACTGCCCTTCTCTGTCCGAGT
GTTGGCCACTGCCACCACCAGCTGCGGGAGATCCGCAGACTGGAGCGGGCGGTGTGCCGTGATGCACCC
TCAACCCTAGCGAGGGCTCTCACCTGGAGGCAGGCTAGGGCACAGGCAGGAGCCACACTGCTTTTTTGC
TGTGTTGGGGCCCTATGTGGCCACATTGCTCCTGTGAGTCTTGGCCTATGAGCGGGCCACCAGTGGT
GCCTGTAACCTGTTATCTCTCATCTCATTGGGCAGTGCAGTGTGCAGTTGTGCTGTGGCCATGGGT
CTGGGTGATCAGCGCTACACGGCCCCCTGGAGGACAGCTGCCAAAGGTGGCTACAAGTGCTTCGAGGAA
GACCCAAGAGGGCCAATCCAGGCCCCAGCACTGCCTACCCTCCAGTAGCCAATGCAGCACTGACTTGA
CTTGAAT

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:

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_177936.1](#), [NP_808797.1](#)

RefSeq Size: 990 bp

RefSeq ORF: 990 bp

Locus ID: 338443

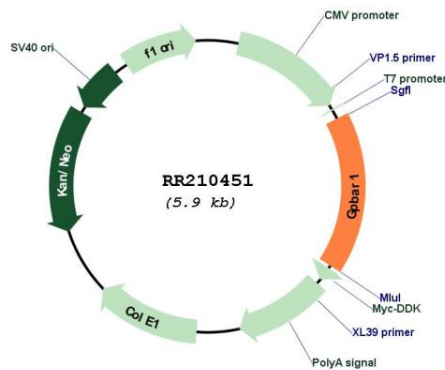
UniProt ID: [Q80T02](#)

Cytogenetics: 9q33

MW: 35.8 kDa

Gene Summary: a bile acid receptor [RGD, Feb 2006]

Product images:



Circular map for RR210451