

## Product datasheet for **RG211001**

### Pur B (PURB) (NM\_033224) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pur B (PURB) (NM_033224) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pur B
Synonyms:	PURBETA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG211001 representing NM_033224 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGACGGCGACAGCGGCAGCGAGCGCGGGCGGGCGGTGGGCCGTGCGGGTCCAGCCCGGTCCC  
GCGGGCGGGCGGAGCAAGAGACGCAGGAGCTGGCCTCGAAGCGGCTGGACATCCAGAACAAGCGTTCTA  
CTTAGATGTGAAGCAGAACGCCAAGGGCCGCTTCTCAAGATCGCCGAGGTGGGCGGGCGGTTCCAAG  
AGCCGCCTCACGCTGTCCATGGCGGTGGCCGCGAGTTCGCGACTCGTGGGCGACTTCATAGAACACT  
ACGCGCAGCTGGCCCTAGCAGCCCGAGCAGCTGGCGGGCGGCCGAGGAGGGCGGGCGGCCGCGGGC  
CGCGCTCAAGAGCGAATTCTTGGTGCCTGAGAACCCTCAAGTACTACCTGGACCTCAAGGAGAACCAGCGC  
GGCCGCTTCTGCGCATCCGCCAAACGGTCAACCGCGGGCGGTGGCGGCTTCGCGCGGGCCCCGGGCGG  
GCGGCTTCAGAGCGGCCAGACCATCGCGCTGCCTGCGCAGGGCCTCATCGAGTTCGCGACGCGCTGGC  
GAAGCTCATAGACGACTACGGAGGCGAGGACGACGAGCTGGCAGGCGGCCGGGAGGCGGGCGCCGGGGG  
CCAGGGGGCGGCTGTATGGAGAGCTCCCGAGGGCACCTCCATCACCGTGGACTCCAAGCGTTCTTCT  
TCGATGTGGGCTGCAACAAATACGGGGTGTCTGCGAGTGAGCGAGGTGAAGCCGCTCACCAGCAATGC  
CATCACCGTACCCTTCAAAGCCTGGGGCAAGTTCGGAGGCGCCTTTTCCGGTATGCGGATGAGATGAAA  
GAAATCCAGGAACGACAGAGGGATAAGCTTTATGAGCGACGTGGTGGGGCAGCGGGCGGGCGGAAGAGT  
CAGAGGGTGAGGAGGTGGATGAGGAT

**ACGCGT**ACGCGGGCGGCTCGAG - GFP Tag - GTTTAA



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**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\\_033224.3](#), [NP\\_150093.1](#)

**RefSeq Size:** 9074 bp

**RefSeq ORF:** 939 bp

**Locus ID:** 5814

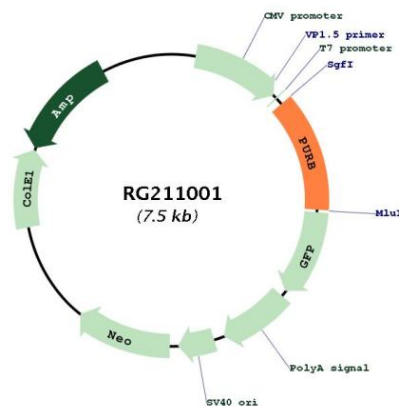
**UniProt ID:** [Q96QR8](#)

**Cytogenetics:** 7p13

**Domains:** PUR

**Gene Summary:** This gene product is a sequence-specific, single-stranded DNA-binding protein. It binds preferentially to the single strand of the purine-rich element termed PUR, which is present at origins of replication and in gene flanking regions in a variety of eukaryotes from yeasts through humans. Thus, it is implicated in the control of both DNA replication and transcription. Deletion of this gene has been associated with myelodysplastic syndrome and acute myelogenous leukemia. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RG211001