

Product datasheet for **RG229776**

PQBP1 (NM_001167990) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PQBP1 (NM_001167990) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PQBP1
Synonyms: MRX2; MRX55; MRXS3; MRXS8; NPW38; RENS1; SHS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG229776 representing NM_001167990
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGCTGCCGTTGCGCTGCAGACCCGCTTGGCCAAGAGAGGCATCCTCAAACATCTGGAGCCTGAAC
CAGAGGAAGAGATCATTGCCGAGGACTATGACGATGATCCTGTGGACTACGAGGCCACCAGGTTGGAGGG
CCTACCACCAAGCTGCGGGCTCCCTTACTACTGGAATGCAGACACAGACCTTGTATCCTGGCTCTCCCA
CATGACCCCAACTCCGTGGTTACCAAATCGGCCAAGAAGCTCAGAAGCAGTAATGCAGATGCTGAAGAAA
AGTTGGACCGGAGCCATGACAAGTCGGACAGGGCCATGACAAGTCGGACCGCAGCCATGAGAACTAGA
CAGGGGCCACGACAAGTCAGACCGGGGCCACGACAAGTCTGACAGGGATCGAGAGCGTGGCTATGACAAG
GTAGACAGAGAGAGAGAGCGAGACAGGGAACGGGATCGGGACCGCGGTATGACAAGGCAGACCGGGAAG
AGGGCAAAGAACGGCGCCACCATCGCCGGGAGGAGCTGGCTCCCTATCCAAGAGCAAGAAGGCAGTAAG
CCGAAAGGATGAAGATTAGACCCATGGACCCTAGCTCATACTCAGACGCCCCCGGGGCACGTGGTCA
ACAGGACTCCCAAGCGGAATGAGGCCAAGACTGGCGCTGACACCACAGCAGCTGGGCCCTCTCCAGC
AGCGGCCGTATCCATCCCAGGGGCTGTGCTCCGGGCAATGCAGAGGCTCCCGAACCAAGCAGCAGGA
T

ACGCGTACGCGGCCGCTCGAG - 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_001167990.1](#), [NP_001161462.1](#)

RefSeq Size: 972 bp

RefSeq ORF: 774 bp

Locus ID: 10084

UniProt ID: [O60828](#)

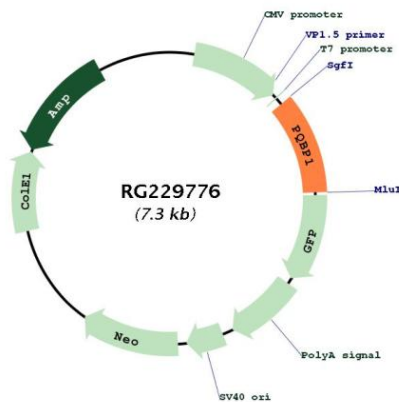
Cytogenetics: Xp11.23

Protein Families: Transcription Factors

Protein Pathways: Spliceosome

Gene Summary: This gene encodes a nuclear polyglutamine-binding protein that is involved with transcription activation. The encoded protein contains a WW domain. Mutations in this gene have been found in patients with Renpenning syndrome 1 and other syndromes with X-linked cognitive disability. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.[provided by RefSeq, Nov 2009]

Product images:



Circular map for RG229776