

Product datasheet for RC204269L4

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436

OriGene Technologies, Inc.

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

PQBP1 (NM_001032381) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PQBP1 (NM_001032381) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: PQBP1

Synonyms: MRX2; MRX55; MRXS3; MRXS8; NPW38; RENS1; SHS

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC204269).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001032381

ORF Size: 795 bp





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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

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: <u>NM 001032381.1</u>, <u>NP 001027553.1</u>

 RefSeq Size:
 1014 bp

 RefSeq ORF:
 798 bp

 Locus ID:
 10084

 UniProt ID:
 060828

 Cytogenetics:
 Xp11.23

Protein Families: Transcription Factors

Protein Pathways: Spliceosome MW: 30.5 kDa

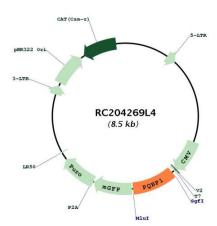
Gene Summary: This gene encodes a nuclear polyglutamine-binding protein that is involved with transcription

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 RC204269L4