

Product datasheet for MC212922

Paqr3 (NM_198422) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Paqr3 (NM_198422) Mouse Untagged Clone
Tag: Tag Free
Symbol: Paqr3
Synonyms: 6330415A20Rik; AY424292; RKTG
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212922 representing NM_198422
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCATCAGAAGCTGCTGAAGAGTGCCTACTACATCGAGCTGGGAGCTACCAATACTGGCCGGTCTGG
 TACCCCGGGCATCCGCCTCTACACCTATGAACAGATCCCGGTATCCCTCAAAGACAACCCCTACATCAC
 CGACGGCTACCGGCCTACCTTCTCCAGACTGTGTATCAAAGTTTGTATCTGTCTAATGAGACG
 GTAACATCTGGAGTCATTTGCTGGTTTCTTTCTTCTTCCACCTGGGATATATGACATGACATCCG
 TGCTGCCTCCGCCAGCGCATCCAGAGAAGACTTTGTGATTTGCTCCATTTGCTTTTCTGCTTCCAGGT
 CTGCATGCTTTGCTCGGTGGGCTATCATCTTTTTCTGTCTCATCGGTGAGAAAACTTTGCTGGAGATGG
 ATGGCATTGGATTATGCAGGAATTTCTATTGGAATACTGGGCTGCTATGTCTCAGGAGTATTTATGCAT
 TTTATTGCAATAATTACTGGCGTCAAGTGTACCTGATCACCGTGTGGCATGATCCTGGCAGTCTTCTT
 CGCACAGATCCACCCAGCTACCTCACACAGCAGTGGCAGAGGCTCCGCCCATCATCTTCTGCTGTGT
 TCGGGATATGGAGTGATCCCTACTTCTACTGGGTTTGGCTCAATGGAGGAGTCAGTGTCTCTATTGTAC
 AGGACTTCGCACCCCGAGTAATTGTGATGTACGTGATTGCTTCTTTGCTTCTACATTTCCAA
 GGTCCCGAACGGTACTTTCCAGGACAACCTGAACCTACCTCGGATCAAGCCACAGATCTGGCATGTCCCT
 GCAGTAGTGATGTATTGGTGGCATCAGTCCACGGTGTATGTATGCAGTACAGACACAGCAAGCCTT
 GCCCTGACTATGTTCCACCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_198422
Insert Size: 936 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_198422.2</u> , <u>NP_940814.1</u>
RefSeq Size:	1375 bp
RefSeq ORF:	936 bp
Locus ID:	231474
UniProt ID:	<u>Q6TCG8</u>
Cytogenetics:	5 E3
Gene Summary:	Functions as a spatial regulator of RAF1 kinase by sequestering it to the Golgi. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.