

Product datasheet for **MG203652**

Paqr4 (NM_023824) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paqr4 (NM_023824) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Paqr4
Synonyms:	1500004C10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203652 representing NM_023824 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTCCTGACCGGGCCTCGTCTCCTGGACTGGGCTAGCTCGCCGCCGACCTGCAGTTCAATAAGT
TCGATTGACCGGCTACCGGCCGCGCAGCAGCGGCTCAGGCTGTCTGCGCAGCCTTTTCTACCTACACAA
CGAGCTGGGCAACATCTACACACACGGGCTAGCCCTGCTGGGCTTCCTGGTGTGGTCCCAATGACCATG
CCCTGGAGTCAGCTGGGCAAGGATGGCTGGCTAGGAGGTACACACTGTGTGGCTTGCCCTGGTCCCCCTG
CAGCCTCTGTGTGTATCACCTTTCATGTGCCACCAAGGAGGCAGTCCGTGTACACCCGGCTCCTTGC
CTTGATATGTGTGGAGTCTGCCTGTCAACACCCTTGGAGCCCTGCCATCATCCACTGCACTCTGGCC
TGCAGACCGTGGCTTCGCCAGCTGCCCTGATGGTTACTGCACTGTGAGGTGTAGCCGGCTGGAGAG
CTCTCACTGCCCCCTCCACCAAGTCCCGGCTTCGAGCCTTTGGTTGGCAAGCTGGGGCCCGCTGTGGT
GTTTGGGGCCCGTGGAGTGGGGCTGGGCTCAGGGGCTCCAGGCTCTGTCCCTGTACCTGCGCATGGAC
GCACTGGCTCTGCTTGGAGGGCTGGTGAATGTGGCAGCCTGCCAGAGCGGTGGGGCCCGTGGTGGCTTCG
ACTACTGGGGCAACTCCCACCAGATCATGCACTTGCTGAGTGTGGGCTCCATCCTCCAGTCCATGCTGG
GGTGTGCCTGACCTGCTCTGGGCTGCACACCATGCCTGTCCCCAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203652 representing NM_023824
 Red=Cloning site Green=Tags(s)

MAFLTGPRLLDWASSPPLHQNKFVLTGYRPASSGSGCLRSLFYLHNELGNIYTHGLALLGFLVLPMTM
 PWSQLGKDGWLGGTHCVACLVPPAASVLYLHFMCHQGGSFVYTRLLALDMCGVCLVNTLGALPIIHCTLA
 CRPWLPAALMGYALSGVAGWRALTAPSTSARLRAFQAGARLLVFGARGVGLGSGAPGSLPCYL RMD
 ALALLGGLVNVARLPERWGPGRFDYWGNSHQIMHLLSVGSILQLHAGVVPDLLWAAHHACPPD

TRTRPLE - GFP Tag - V

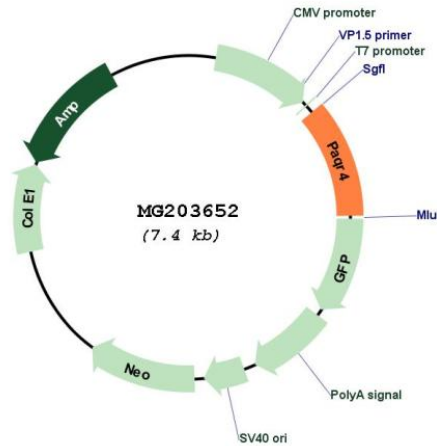
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_023824

ORF Size: 819 bp

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:	<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:	NM_023824.2
RefSeq Size:	2507 bp
RefSeq ORF:	822 bp
Locus ID:	76498
UniProt ID:	Q9JJE4
Cytogenetics:	17 A3.3