

Product datasheet for MC210892

Pacrg (NM_027032) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pacrg (NM_027032) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pacrg
Synonyms: 1700008H23Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210892 representing NM_027032
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGAAGAGGACTAACTGCTGCCACAACAGACGTTCCAGGTGCACCAGCCTCGTTCCTGGTTTCTG
 AGGGCTTCACAGTCAAAGCCATGATGAAAACTCAGTCGTGCGGGGTCTCCAGTTGCAGGGGCATTTAA
 AGAAAGGCCGGCCAAACCACCCTTTCCGAAAATGTTATGAGCGAGGAGACTTCCAATCGCCCTTGAG
 CATGACTCGAAAGGAAACAAAATTGCCTGGAAGTTGAGATTGAGAAGTTGGACTACCATATTACTGTC
 CTCTGTTTTTGTGTTGCTTTCTGAAATGACGTTTCCCTATGAGTTTTTGTCTCGGCGAGGAATCCACGA
 CATGCTGGAACACGGAGGGAACAAGATTCTACCTGTCAATCCTCAGCTCATTATCCAATAAAAAATGCC
 TTGAACCTCCGAAACAGACAGATCATCTGTGTGACGCTCAAGTTCTCCAGCATCTGGTTGTCTTCGG
 AGATGGTGGGCGAAGCTTTGTTGCCCTACTACCGTCAGATCCTGCCAATCCTGAACATCTTTAAGAACAT
 GAATGTGAACCCGGGGATGGCATCGACTACAGCCAGCAGAAGAGGGAGAACATTGGCGACCTGATCCAG
 GAGACCCTAGAAGCCTTCGAGCGCTACGGAGGGGAGGACGCCTTCATCAACATCAAATACATGGTGCCTA
 CCTATGAGTCGTCTTGTGAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_027032
Insert Size: 726 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:	NM_027032.2 , NP_081308.1
RefSeq Size:	1355 bp
RefSeq ORF:	726 bp
Locus ID:	69310
UniProt ID:	Q9DAK2
Cytogenetics:	17 7.8 cM
Gene Summary:	Suppresses cell death induced by accumulation of unfolded Pael receptor (Pael-R, a substrate of Parkin). Facilitates the formation of inclusions consisting of Pael-R, molecular chaperones, protein degradation molecules and itself when proteasome is inhibited (By similarity). [UniProtKB/Swiss-Prot Function]