

Product datasheet for **MC227488**

Pja1 (NM_001290556) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pja1 (NM_001290556) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pja1
Synonyms: praja-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227488 representing NM_001290556
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCCACCAGGAAAGGATTGCCAGCCAGAGGAGGACAACAGCCGAAGTCCCAATGCACAGATCAACTG
CCAATCAAAGCAAGAGGAGCCGGTCACCATTTGCCAGCACACGTCGTCGTTGGGATGACAGCGAGAGCTC
GGGAGCCAGCCTGGCTGTTGAGAGTGAGGATTATCCAGTACTCCAGGTGGCGGGATGCTGCCGATGCT
GAGGAGGCTCATGCCGAGGGCCTAGCCAGAAGAGGCCGAGGTGAGGCTGCCAGCAGCTCAGAGCCAAGGT
ATGCTGAAGACCAGGATGCCAGGAGTGAACAAGCGAAGGCAGACAAGTGCCTAAGACGGCCGCGAACCAT
GGCAGACCCTGACTTCTGGGCATACACCGACGATTACTACCGATACTACGAGGAAGATTCTGACAGCGAC
AAAGAGTGGATGGCTGCCCTGCGCAGGAAGTACCGAAGCCGAGAGCAACCCAGTCCCTCCAGCGGAGAAA
GCTGGGAGCTTCTGCCAGGAAAGGAAGAACTGGAACGTCAGCAAGCCGGAGCTGGGAGCCTCGCCAGTGC
TGGCAGCAATGGCAGTGGTTATCCTGAAGAAGTACAAGACCCATCTCTTCAGGAGGAAGAACAGGCCCTCT
CTGGAAGAAGGAGAAAATCCCTTGGCTTCGCTACAATGAGAATGAAAGCAGCAGCGAGGGTGATAATGAGT
CTACCCATGAGCTCATACAGCCTGGGATGTTTCATGCTGGATGGAACAACAACCTGGAAGATGACTCCAG
CGTGAGCGAAGACCTCGAAGTGGACTGGAGCCTGTTGATGGGTTTGCCGATGGCTTGGGAGTGGCCGAA
GCCATCTCCTACGTGGATCCTCAGTTCCTCACCTACATGGCTCTGGAAGAGCGTCTGGCCAGGCAATGG
AGACGGCCCTGGCACACTTGAGTCTCTCGCCGTTGATGTGCAAGTGGCCAACCCACCAGCAAGCAAGGA
GAGCATTGATGCCCTTCTGAGATCCTGGTCACCGAAGATCATGGTGCAGTGGCCAGGAAATGTGCTGT
CCTATCTGCTGCAGCGAATATGTGAAGGGGAGGTGGCAACTGAGCTACCATGCCACCATTATCCACA
AGCCCTGCGTGTCCATCTGGCTCAGAAGTCTGGCACCTGCCAGTGTGCCGCTGCATGTTCCCTCCCC
GCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001290556
Insert Size:	1197 bp
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290556.1</u> , <u>NP_001277485.1</u>
RefSeq Size:	2160 bp
RefSeq ORF:	1197 bp
Locus ID:	18744
Cytogenetics:	X 43.38 cM
Gene Summary:	<p>Has E2-dependent E3 ubiquitin-protein ligase activity. Ubiquitinates MAGED1 antigen leading to its subsequent degradation by proteasome. May be involved in protein sorting. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) lacks an alternate in-frame segment, compared to variant 1. The encoded isoform (4) is shorter than isoform 1. 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.</p>