

Product datasheet for **MC228478**

Pja1 (NM_001290555) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pja1 (NM_001290555) 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



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Fully Sequenced ORF: >MC228478 representing NM_001290555
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCAGGGACCTAGCAAGCCTGTTCCGCCAGAGCAGCAGGAGGGTATCAGTCAGGTACAGGCAGGA
 GTTATGGAAGGAGGCATGCTTCTGTCTCAGTTTCAGGCCATCCATGAGCCACCAGGAAAGGATTGCCAGCCA
 GAGGAGGACAACAGCCGAAGTCCCAATGCACAGATCAACTGCCAATCAAAGCAAGAGGAGCCGGTACCA
 TTTGCCAGCACACGTCGTCGCTGGGATGACAGCGAGAGCTCGGGAGCCAGCCTGGCTGTTGAGAGTGAGG
 ATTATTCCAGGTATCCTCCAAGAGAGTACAGGGCCTCGGGGAGCCGAAGAGGATTGGCTTATGGACACAT
 TGACACTGTAGTGGCTCGTGATAGTGAGGAGGAGGGGGCTGGGCCTGTTGACCGACTGCCAGTGAGAGGG
 AAAGCTGGCAAGTTAAGGATGATCCCAGAAAGGGGGCAAGGCTTCCCCTTTACTAGTGTTAACCATG
 ATGCGAAGGAAGAGTGTGGCAAGGTAGAATCACCCCTGCAGCGAGGTGCTCGGCTCGCAGAGCTGAGCT
 CTGGAAGCAGAATGGCTCCTCGGCTCTCAGATTTCTTCTGCTGAAGGCAGGGCAGCTGCAAAAGGTAAC
 AACAGCTTGGAGAGGGAGAGGCAGAATTTACCAGCTCGTCTAGCAGGGCTCCTGTGAGTATTTGTGGTG
 GTGGGGAAAACACCCAAAGAGTGCCGAGGAACCGGTGGTGAGACCCAAAGTCCGGAATGTGGCGACTCC
 AAAGTGCATGAAACCCAAAGTGTTTTTGATACTGATGATGATGATGATGTACCACACAGTACTTCCAGG
 TGGCGGGATGCTGCCGATGCTGAGGAGGCTCATGCCGAGGGCCTAGCCAGAAAGAGGCCGAGGTGAGGCTG
 CCAGCAGCTCAGAGCCAAGGTATGCTGAAGACCAGGATGCCAGGAGTGAACAAGCGAAGGCAGACAAAGT
 GCCAAGACGGCGCGAACCATGGCAGACCCTGACTTCTGGGCATACCCGACGATTACTACCGATACTAC
 GAGGAAGATTCTGACAGCGACAAGAGTGGATGGCTGCCCTGCGCAGGAAGTACCGAAGCCGAGAGCAAC
 CCCAGTCTCCAGCGGAGAAAGCTGGGAGCTTCTGCCAGGAAAGGAAGAACTGGAACGTCAGCAAGCCGG
 AGCTGGGAGCCTCGCCAGTGTGGCAGCAATGGCAGTGGTTATCCTGAAGAAGTACAAGACCCATCTCTT
 CAGGAGGAAGAACAGGCCTCTCTGGAAGAAGGAGAAATCCCTTGCTTCCGCTACAATGAGAATGAAAGCA
 GCAGCGAGGGTGATAATGAGTCTACCCATGAGCTCATAACAGCCTGGGATGTTGATGCTGGATGGAACAA
 CAACCTGGAAGATGACTCCAGCGTGAGCGAAGACCTCGAAGTGGACTGGAGCCTGTTTATGGGTTTGCC
 GATGGCTTGGGAGTGGCCGAAGCCATCTCTACGTGGATCCTCAGTTCCTCACCTACATGGCTCTGGAAG
 AGCGTCTGGCCAGGCAATGGAGACGGCCTGGCACACTTGGAGTCTCTCGCCGTTGATGTCGAAGTGGC
 CAACCCACCAGCAAGCAAGGAGAGCATTGATGCCCTTCTGAGATCCTGGTCACCGAAGATCATGGTGCA
 GTGGGCCAGGAAATGTGCTGCTATCTGCTGCAGCGAATATGTGAAGGGGGAGGTGGCAACTGAGCTAC
 CATGCCACCACTATTTCCACAAGCCCTGCGTGTCCATCTGGCTTCAAGAAGTCTGGCACCTGCCAGTGTG
 CCGCTGCATGTTCCCTCCCCGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001290555
- Insert Size:** 1848 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:	NM_001290555.1 , NP_001277484.1
RefSeq Size:	3004 bp
RefSeq ORF:	1848 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 (3) differs in the 5' UTR and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) has a longer N-terminus than isoform 1.</p>