

Product datasheet for **RN200815**

Rassf9 (NM_022959) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rassf9 (NM_022959) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rassf9
Synonyms:	P-cip1; Pamci
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200815 representing NM_022959
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCCTTTGGAAGAACTTGTCTGAAGACGCGGCATAGAACAGATCTCCAATAAGACATGGATC
 CTGAAGAGAAGGAAATTGTGGTTTGGGTTTGCAGGAGGAGAAGATTGTCTGCGGATTAACATAACGCAC
 CACCTCCATCGATGTCATCCAGGCTTGTCTGAAGAACATGAAGCTACATTTGGAGAAAAGCGATTTCTG
 TTGGGTAAGGCCAGTGACTACTGCATCGTCAAAAAGTGGAGGGGCTCAGAGCGAGCTTCTCCCTCGA
 CCAGGATCTTGAAGCTGTGAAGGCTTGGGGAGATGAACAGCCCAACATGCAGTTTGTGGTAAAC
 AGACGCCTTCTCCAGTCCACTGTGGCGACAGCTGAAACCAAACTAGTGCAAAATAATGAAAAACCT
 TGGGAGCTCAGCCCGCAATTACATGAAGACTTACCACCAGATAAACAAAAACGAATCGTCAGGAAAA
 CCTTCCGAAAACGGCTAAAATTAGACAGGACACAGGTTCTCATGATCGGACAATATGGAGTGTAGT
 TCATCTGATTATTTCTCAGGACCACACGATCCACCAGCAAGTACAAGAATGAAAGAGTTAGATATGGAA
 ATTGAAAAATGTGAAGCCAAGATCCATTTGGACCGGATAGGGAATGATGGGGCTGATTATGTCCAGGAGG
 CGTATTTAATGCCAGGTCCAGTGAAGAAGAGCAAAAGCTAGACTTTCAATCTGAGGACAACCAGACCTT
 AGAGGATCTGAACGACGGCGAGGGGTGTACAGCTGGAGGAACAGCTGCAATACTACAGAGCGCTCATC
 GATAAGCTGTCTGCTGAGATTGAGAGAGAGGTGAAGGGTGCAGGCACTGACGGGAGTGAGGACATGGAGG
 GAGCAGCTGCATGTGAGCTGAAAACCTCGGATTTGAAAAGCGTTAAGTGCATTTGGAGAAAAGTATGAA
 AGCTGGTTTAAAATCCACTCTCACTTGAGTGGCATCCAGAGAGAGATTAATAACAGTGACTCACTGCTT
 CAGATGAAAGCGAGGGAGTACGAACTCCTAGCCAAGGAGTTCAGCTCACTTCATATTAGCAGCAAAGATG
 GATGTCAGGAAAAGAAAACAGAGGAAAGGAAGCCGAGGCTTCCAGCAGCAATGGGGAGATCCCTCCATT
 AACTCAAAGGGTGTTTAACACATATACAAATGACACGGATTGAGATACTGGCATCAGTTCCAACCCACAGT
 CAGGATTCTGAAACGACTTTGGGAGATGTGCTACTGCTGGCAACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_022959

Insert Size: 1308 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).

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:

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_022959.2](#), [NP_075248.1](#)

RefSeq Size:	1785 bp
RefSeq ORF:	1308 bp
Locus ID:	65053
UniProt ID:	<u>O88869</u>
Cytogenetics:	7q21
Gene Summary:	binds the cytoplasmic domain of peptidylglycine alpha-amidating monooxygenase (PAM), a peptide processing enzyme; may play a role in intracellular transport [RGD, Feb 2006]