

Product datasheet for **RN210535**

Rassf5 (NM_019365) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rassf5 (NM_019365) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rassf5
Synonyms:	Maxp1; Nore1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210535 representing NM_019365 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCCCGGCCATTGGGCAGCGTCCCTACCCGCTGCTGCTAGACCCGAGCCGCGCGGTATCTGC
AGAGCCTGGGTGGCACCAGCCGCCACCCGCCCGCCGCGTGCCTGTATCCACAGGCCCTGATCTC
CGCGTCCGGGGCGTCAGAGGGTCGCGGTAGCAGGAGGAATGCCCGGGGGACCCGGAGCCACGCCCGG
GACTGCCGACACGCTCGCCCTGTCGGCCCGGTCTGCAGCAGAGACTGCGGCGGCACCTGGGTGCGACC
GACCCCGCAGCTGAGGAGCATCTTCGAGCAACCGCAGGATCCCGCGTCTTAGCCGAGAGAGGAGAGGG
ACACCGTTTCGCGGAATTGGCGCTCCGGGTGGCCCGGGCTGGTGTGACCTGTGCGGACGAGAGGTGCTG
CGGCAGGCGTGCCTGCGCTAATTGTAATTCACCTGCCACCCAGAGTGCCGCGCCTGATCCAGCTGG
ACTGCAGACAGAAGGAGGGCCCTGCCCTGGACAGACAGTCTCCAGAAAGCACCCCTCACCCCAACCTCAA
CAAGAAATGTCTGTAAAGCTGTGGAGGAGACACAGCACCCGCCACCATACAGGAGATCAAGCAGAAGATT
GACAGCTATAACAGCCGGGAGAAGCACTGCCTGGGCATGAAGTTGAGTGAAGATGGCACCTACACAGTT
TCATCAAAGTGCAATTTGAAACTCCGCGGCCAGTGACGGTGCCTGCTGGGATTCGGCCCCAGTCCATCTA
TGATGCCATTAAGGAAGTGAACCCTGCAGCTACCACAGACAAGCGGACATCCTTCTACCTGCCACTTGAC
GCCATCAAGCAGCTACACATTAGCAGCAGCACCCTGTGAGTGCATCCAGGGGCTGCTCAAGAAAT
TCATGGTTGTGGACAACCCACAGAAGTTTGCCTTTTTAAGCGGATACACAAAGATGGACAAGTGCTCTT
CCAGAACTCTCCATCGCTGACTGCCCTCTACCTTCGCTGCTGCTGGTCTGACACCGACGTGCTC
AGCTTTGTGCTCAAGGAGAATGAAACCGGAGACGTAGAGTGGGATGCCTTTTCCATTCTGAACTCCAGA
ACTTCTTAACTATCCTGGAAAAAGAGGAGCAGGACAAGATCCATCAACTGCAGAAGAAGTACAACAAATT
CCGGCAGAAACTGGAGGAGGCCTTACGAGAGTCCCAAGGGAAGCCTGGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_019365
Insert Size:	1242 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:	<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_019365.3</u> , <u>NP_062238.1</u>
RefSeq Size:	3424 bp
RefSeq ORF:	1242 bp
Locus ID:	54355
UniProt ID:	<u>O35141</u>
Cytogenetics:	13q13
Gene Summary:	interacts with guanine nucleotide exchange factor Mss4 [RGD, Feb 2006]