

Product datasheet for **RN210468**

Rassf2 (NM_001037096) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rassf2 (NM_001037096) Rat Untagged Clone
Tag: Tag Free
Symbol: Rassf2
Synonyms: MGC124713
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210468 representing NM_001037096
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACTACACTACCAAAGTCCCTAATTCATGCGGACAAGACAAGTACATGCCCAAGAGTGAAGTTC
TCCTACATTTAAAGACATACAATTGTACTATGAAGGCCAGAACCTGCAACTCCGACACCGAGAGGAAGA
AGACGAGTTCATTGTGGAGGGGCTGCTGAACATCTCCTGGGGCTGCGCAGGCCATTTCGGCTGCAGATG
CAAGATGACCACGAACGCATCCGTCCCCACCATCCTCCTCCTGGCACTCCGGCTGTAACTGGGTG
CACAGGGCACCACACTGAAGCCCCTTACCGTGCCCACTGTCCAGATCTCAGAAGTGGATATGCCCGTTGA
AAACATGGAGATGCACAGCCCAACAGATTCCAGAGGCCTGAAGCCTGTGCAGGAGGACACCCACAGTTG
ATGCGCACACGCAGTGTGTTGGGTGCGCCCGTGGCAATGTGAGGACATCCAGTGACCAGCGGGCAA
TCAGACGCCATCGCTTCTCCATCAATGGCCATTTCTATAACCACAAGACATCAGTGTTCACACAGCCTA
TGGCTCTGTCACCAATGTCCGCATCAACAGCACCATGACAACCTCCGAGGTCCTGAAGTGTCTCAAC
AAGTTAAAGATTGAGAATTCGGCAGAGGAGTTCGCGTTGTACGTGGTCCACACAGTGGTGAAGCAGA
AGCTGAAGAAGTCTGACTACCCCTGATTGCCCGCATCCTCCAGGCCCTGTGAGCAGATCTCCAAAGT
TTTTCTGATGGAGAAGGACCAGGTGGAGGAGTACCTATGATGTGGCCAGTATATAAAGTTTGAGATG
CCAGTCTTAAAAGCTTCATTAGAAAATCCAGGAGGAAGAAGACCGGGAGGTGGAGAAGCTGATGCAAA
AGTACACGGTGTCCGGCTAATGATTCGGCAAAGGCTAGAGGAGATAGCAGAGACCCCTGAGACTATCTG
A

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037096



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Insert Size:	981 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_001037096.1</u> , <u>NP_001032173.1</u>
RefSeq Size:	3428 bp
RefSeq ORF:	981 bp
Locus ID:	311437
UniProt ID:	<u>Q3B7D5</u>
Cytogenetics:	3q36
Gene Summary:	Potential tumor suppressor. Acts as a KRAS-specific effector protein. May promote apoptosis and cell cycle arrest. Stabilizes STK3/MST2 by protecting it from proteasomal degradation (By similarity).[UniProtKB/Swiss-Prot Function]