

Product datasheet for **SC125286**

RASSF4 (NM_032023) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASSF4 (NM_032023) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASSF4
Synonyms:	AD037
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC125286 sequence for NM_032023 edited (data generated by NextGen Sequencing)

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ATGAAGGAAGACTGTCTGCCGAGTTCTCACGTGCCCATCAGTGACAGCAAGTCCATTCAG
AAGTCGGAGCTCTTAGGCCTGCTGAAAACCTACAACCTGCTACCATGAGGGCAAGAGCTTC
CAGCTGAGACACCGTGAGGAAGAAGGGACTCTGATCATCGAGGGCTCCTCAACATTGCC
TGGGGGCTGAGGCGGCCATCCGGCTGCAGATGCAGGATGACCGGGAGCAGGTGCACCTC
CCCTCCACCTCATGGATGCCCGGACGGCCTAGCTGCCCTCTAAAGGAGCCATCGCCCCAG
AACGGGAACATCACAGCCCAGGGGCCAAGCATTAGCCAGTGCACAAGGCTGAGAGTTCC
ACAGACAGCTCGGGGCCCTGGAGGAGGCAGAGGAGGCCCCCCAGCTGATGCGGACCAAG
AGCGACGCCAGTTGCATGAGCCAGAGGAGGCCAAGTCCCGCCCGCCCGGTGAGGCCAG
CGCATCCGGCGACACCGTTCTCTATCAACGGCCACTTCTACAATCATAAGACCTCCGTG
TTTACTCCAGCCTATGGATCCGTGACCAATGTGAGGGTCAACAGCACCATGACAACCTG
CAGGTGCTCACCTGCTGCTGAACAAATTTAGGGTGAAGATGGCCCCAGTGAGTTCGCA
CTCTACATCGTTCACGAGTCTGGGGAGCGGACAAAATTAAGAGCTGCGAGTACCCGCTG
ATTTCCAGAACTCTGCATGGGCCATGTGAGAAGATCGCCAGGATCTTCTGATGGAAGCT
GACTTGGGCGTGAAGTCCCCATGAAGTCGCTCAGTACATTAAGTTTGAATGCCGGTG
CTGGACAGTTTTGTTGAAAAATTAAGAAGAGGAAGAAAGAGAAATAATCAAATGACC
ATGAAGTTCCAAGCCCTGCGTCTGACGATGCTGCAGCGCCTGGAGCAGCTGGTGGAGGCC
AAGTAA

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Clone variation with respect to NM_032023.3
262 a=>g



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032023 unedited
 TTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCAGGCGCTGCGGGC
 GCAGCTCCGGTGAAGCGAGGACACGACACATGCAGTGGCTTCTGGACTGCGCGATGACT
 GGACGCAAGTAACTTCTAGGTCTGCAGACAAGAGGAAGAGAAGATGAAGGAAGACTGTCT
 GCCGAGTTCTCACGTGCCATCAGTGACAGCAAGTCCATTCAGAAGTCGGAGCTCTTAGG
 CCTGCTGAAAACCTACAACCTGCTACCATGAGGGCAAGAGCTTCCAGCTGAGACACCGTGA
 GGAAGAAGGGACTCTGATCATCGAGGGGCTCCTCAACATTGCCTGGGGGCTGAGGCGGCC
 CATCCGGCTGCAGATGCAGGATGACCGGAGCAGGTGCACCTCCCCTCCACCTCATGGAT
 GCCCAGACGGCCTAGCTGCCCTCTAAAGGAGCCATCGCCCCAGAACGGGAACATCACAGC
 CCAGGGGCCAAGCATTACGCCAGTGCACAAGGCTGAGAGTTCCACAGACAGCTCGGGGCC
 CCTGGAGGAGGCAGAGGAGGCCCCCGCTGATGCGGACCAAGAGCGACGCCAGTTGCAT
 GAGCCAGAGGAGGCCAAGTGCCGCGCCCCCGTGAGGCCAGCGCATCCGGCGACACCG
 GTTCTCTATCAACGGCCACTTCTACATCATAAGACCTCCGTGTTTACTCCAGCCTATGGA
 TCCGTGACCAATGTGAGGGTCAACAGCACCATGACCACCCTTGCAAGTCTCACCCTGCTG
 CTGAACAATTAGGGTGAAGATGCCCCAGTGAGTTCGCACTCTACATCGTTTACAGAGTT
 TGGGGAGCGGCAAAATTAAGACTGCCATACCCGGTGATTTCAAATTTGCATGGCCAT
 GTGAGAAGATCCCAGTATCTTCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032023 unedited
 CGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTCAGTTCAATACAGCACACCTT
 TATTGAGCACCTAAGGATCTATGCTGCCAGAGGAGGGCAGAGTCGACAAAACAGTGGGCA
 GGCTCCCCTGCAGCTCTCTGTGTCTGTGATGATGGAGCTGGGTTGGGGAATCCTGCTG
 TGACATTTGCCCTGACGAGTTCGACAGCATGGTGGCTTCCAAGCTATGCTCTTGATG
 GGCACCCGTAAGGAGCTTCTACATGCATTAGAGATGGAGCTCTCCTATCTTTGCAAGCC
 TTTGTGGTTCTTCCCTTAAATCTGCCATCCACGGACCTCAACAGGAGAATAATTTGGTC
 TTCAGTTTGTCTGTTTTAGACAAATACTTACATGACTGATGAAACTGTTGCATAGTT
 TCGCAAAGGCTTCTCATTATTCTGAAATTTCCATCAGTCACAAAACAAAATTTGTTT
 AGTATCTGGGGAATTCAAAGCCCTTCCCTCAAAACAGACATTTCTCCTTATCATTCTTCC
 TTCAGGGAAGTATTGAAAGTCATTGAAAGTCATCCCCACCCACTAGAGGAGAGCAACGC
 AAGCCCAGAAAGCAAGAGGTCCACAGCATCCCCGGCACAGTGGTGTGGGGCTGAACCC
 TGCTTCCAGAGCTGCTGCTGGCATTGAGCCGGCAGCACCTTCAATGCCATGTGGAC
 CTTCTAATGGGATCGATGACCGCTTCTTGCAGCAGCTCCTGCAAGACTCCTCTAGGTT
 TTCTGATGAGTAAAAATTGATTCTGCAAGAAAGGAAAACCTGGGCGCTATTCTGTTCC
 ACCTTCGGTTGGGGTTGACTGTGCACGCCCAAGGGTGATTTGGAAGCCTAAAACCCGGCC
 CCCTGTGCAGGGAAGGCTTAAAGGCTAAATCTTACTGTGGTGGGCTGCTTTCTCAAAC
 ATTCTGGGGGCCGGTTTTTAGGGCCACACAATTCTTATAAGAGAGGAGGTG

Restriction Sites:

NotI-NotI

ACCN:

NM_032023

Insert Size:

2450 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_032023.3](#), [NP_114412.2](#)

RefSeq Size: 2509 bp

RefSeq ORF: 966 bp

Locus ID: 83937

UniProt ID: [Q9H2L5](#)

Cytogenetics: 10q11.21

Domains: RA

Protein Families: Druggable Genome

Gene Summary: The function of this gene has not yet been determined but may involve a role in tumor suppression. Alternative splicing of this gene results in several transcript variants; however, most of the variants have not been fully described. [provided by RefSeq, Jul 2008]