OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC326968

RASSF8 (NM_001164748) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASSF8 (NM_001164748) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASSF8
Synonyms:	C12orf2; HOJ1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001164748, the custom clone sequence may differ by one or more nucleotides ATGGAACTTAAAGTATGGGTGGATGGAGTTCAGAGGATTGTTTGTGGAGTCACTGAAGTC ACAACTTGCCAGGAGGTTGTCATAGCCTTAGCTCAAGCAATAGGTCGAACTGGAAGGTAC ACCCTTATAGAGAAATGGAGAGATACTGAAAGACACTTAGCACCTCATGAAAATCCTATC ATATCCTTAAACAAATGGGGGCAGTATGCTAGTGATGTGCAGCTCATTCTACGACGAACT GGGCCGTCTCTCAGTGAGCGACCCACTTCAGACAGTGTGGCTCGAATTCCTGAAAGAACT TTATACAGGCAGAGTCTGCCCCCCTTAGCTAAACTGAGGCCTCAGATTGACAAATCAATC AAAAGGAGGGAACCGAAAAGGAAATCACTGACATTTACAGGAGGTGCCAAAGGATTAATG GACATTTTTGGAAAAGGTAAAGAAACTGAGTTTAAGCAAAAGGTGCTGAATAACTGCAAA ACAACAGCAGATGAGTTGAAGAAGCTAATCCGTCTGCAGACAGAGAAGCTTCAATCCATT GAGAAACAGCTGGAATCTAATGAAATAGAAATAAGATTTTGGGAGCAAAAGTATAATTCC AACCTTGAAGAGGAAATTGTCCGTCTAGAGCAAAAGATCAAAAGAAACGATGTAGAAATT GAGGAGGAAGAATTCTGGGAAAATGAATTACAGATTGAACAGGAAAATGAAAAACAGCTG AAGGATCAACTTCAAGAAATAAGACAGAAAATAACAGAATGTGAAAACAAATTAAAGGAC TATTTGGCACAGATCCGGACTATGGAAAGTGGTCTTGAAGCAGAAAAATTGCAACGGGAA GTTCAAGAGGCACAGGTCAATGAGGAAGAGGTTAAAGGAAAGATCGGTAAGGTCAAAGGG GAGATTGACATTCAAGGCCAGCAGAGTCTGAGGTTGGAAAATGGCATCAAAGCTGTGGAA AGATCTCTTGGACAAGCCACCAAACGCTTACAGGACAAAGAACAGGAACTGGAGCAGTTG ACTAAGGAGTTGCGGCAAGTCAATCTCCAGCAGTTCATCCAGCAGACAGGGACAAAAGTT ACCGTTTTGCCAGCGGAGCCCATTGAAATAGAGGCCTCACATGCAGACATTGAAAGGGAG GCACCATTCCAGTCTGGGTCCCTGAAGCGACCTGGTTCATCTCGGCAGCTCCCCAGTAAT CTCCGCATTCTGCAGAATCCTATCTCATCTGGTTTTAATCCTGAAGGCATATATGTA
Restriction Sites:	Please inquire
ACCN:	NM_001164748

View online »

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001164748.1, NP_001158220.1
RefSeq Size:	5561 bp
RefSeq ORF:	1260 bp
Locus ID:	11228
UniProt ID:	Q8NHQ8
Cytogenetics:	12p12.1
Gene Summary:	This gene encodes a member of the Ras-assocation domain family (RASSF) of tumor suppressor proteins. This gene is essential for maintaining adherens junction function in epithelial cells and has a role in epithelial cell migration. It is a lung tumor suppressor gene candidate. A chromosomal translocation t(12;22)(p11.2;q13.3) leading to the fusion of this gene and the FBLN1 gene is found in a complex type of synpolydactyly. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.