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Product datasheet for SC205327

RASSF7 (NM_003475) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	RASSF7
Synonyms:	C11orf13; CFAP88; FAP88; HRAS1; HRC1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003475
Insert Size:	410 bp
Insert Sequence:	>SC205327 3'UTR clone of NM_003475 The sequence shown below is from the reference sequence of NM_003475. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTCTGGCAGCCCAGCCCCAGGCTCTGTGACAGCCTAGTGAGGGCTGCAAGACCATCCTGCCCGGACCA CAGAAGGAGAGTTGGCGGTCACAGAGGGCTCCTCTGCCAGGCAGTGGGAAGCCCTGGGTTTGGCCTCAG GAGCTGGGGGTGCAGTGGGGGACTGCCCTAGTCCTTGCCAGGTCGCCAGCACCCTGGAGAAGCATGGGG CGTAGCCAGCTCGGAACTTGCCAGGCCCCAAAGGCCACGACTGCCTGTTGGGGACAGGAGATGCATGGA CAGTGTGCTCAAGCTGTGGGCATGTGCTTGCCTGCGGGAGAGGTCCTTCACTGTGTGTACACAGCAAGA GCATGTGTGTGCCACTTCCCCTACCCCAACGTGAAAACCTCAATAAACTGCCCGAAGCAGCTTGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_003475.4
Summary:	Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, anti-apoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization.[UniProtKB/Swiss-Prot Function]
Locus ID:	8045
MW:	14.7