

Datasheet for ABIN4942652

Human RASA4B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	RASA4B
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human RASA4B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2274 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGGCCAAGC GCAGCTCGCT GTACATCCGC ATCGTGGAGG GGAAGAACCT TCCCGCCAAG GACATCACTG GCAGCAGCGA CCCCTACTGC ATCGTGAAGG TGGACAATGA GCCCATCATC AGGACAGCCA CAGTGTGGAA GACCCTGTGC CCCTTCTGGG GTGAGGAGTA CCAAGTGCAC CTGCCGCCA CCTTCCACGC TGTGGCTTTC TATGTCATGG ATGAGGATGC CCTCAGCCGG GACGACGTTA TCGGAAAGGT CTGCCTTACA AGGGACACCA TAGCCTCTCA CCCTAAGGGT</p>

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TTCAGCGGGT GGGCCACCT GACAGAGGTC GACCCCGACG AGGAGGTGCA GGGCGAGATC
CACCTGCGGC TGAAGTGTG GCCAGGGGCC CGGGCCTGCC GGCTACGCTG CTCTGTGCTG
GAGGCCAGGG ATCTGGCCCC AAAGGACCGC AATGGCACAT CTGACCCCTT CGTCCGAGTG
CGCTACAAGG GCCGGACACG GGAGACCTCG ATCGTGAAGA AGTCATGCTA CCCACGCTGG
AATGAGACGT TTGAATTTGA GCTGCAGGAG GGGGCCATGG AGGCGCTGTG CGTGGAGGCC
TGGGACTGGG ACCTTGTCAG CCGAAACGAC TTCCTGGGCA AAGTGGTGAT TGATGTCCAG
AGACTGCGGG TGGTGCAGCA GGAGGAGGGC TGGTTCCGGC TGCAGCCCGA CCAGTCCAAG
AGCCGGCGGC ATGACGAGGG CAACCTGGGC TCCTTGCAGC TGGAGGTGCG GCTGCGGGAC
GAGACGGTGC TGCCCTCCAG CTACTIONCAG CCACTGGTGC ACCTGCTGTG CCACGAGGTC
AAGCTGGGCA TGCAGGGCCC AGGGCAGCTG ATCCACTCA TCGAGGAGAC AACCAGCACC
GAGTGTGCGC AGGACGTGGC CACGAACCTG CTCAAGCTCT TCCTGGGGCA GGGGCTGGCC
AAGGACTTCC TGGACCTGCT CTTCCAGCTG GAGCTGAGTC GCACCAGTGA GACCAACACC
CTGTTCCGGA GCAACTCTCT GGCCTCAAAG TCCGTGGAGT CTTTTCTGAA GGTGGCCGGG
ATGCAGTACC TGCACGGCGT CCTGGGCCCC ATCATCAACA AGGTGTTTGA GGAGAAGAAG
TACGTGGAGC TGGACCCAG CAAAGTGGAA GTTAAGGATG TAGGGTGCTC CGGGCTGCAC
CGCCCGCAGA CCGAGGCCGA GGTGCTGGAG CAGAGCGCGC AGACGCTGCG CGCCACCTG
GGGGCCCTGC TGAGCGCGCT CAGCCGCTCG GTTCGCGCGT GCCCCGCCGT GGTGCGCGCC
ACCTTCCGCC AGCTTTCCG GCGCGTGCGC GAGCGCTTCC CCGGCGCCCA GCACGAGAAT
GTACCGTTCA TCGCCGTAC CAGCTTCTG TGCCTGCGCT TCTTCTCTCC CGCCATCATG
TCGCCAAGC TCTCCACCT GCGGGAGCGC CACGCGGACG CCCGCACCAG CCGCACCTG
CTCCTGTTGG CCAAGGCAGT CCAGAACGTG GGCAACATGG ACACGCCGGC TTCCAGGGCC
AAGGAGGCTT GGATGGAGCC GCTGCAGCCC ACCGTGCACC AGGGCGTGGC GCAGCTGAAG
GACTTCATCA CCAAGCTCGT GGACATCGAG GAGAAGGACG AGCTGGACCT GCAGCGGACG
CTGAGTTTGC AGGCGCCACC TGTGAAGGAG GGGCCACTCT TCATCCACAG GACCAAGGGC
AAGGGCCCC TCATGTCTC CTCCTTCAAG AAGCTCTACT TCTCCCTCAC TACCGAGGCC
CTCAGCTTCG CGAAGACGCC CAGCTCCAAG TGTGTGAATG AGCTTAACCA GTGGCTGTCT
GCGCTGCGGA AGGTGAGCAT CAACAACACC GACTGCTGG GCTCCTACCA CCCTGGCGTC
TTCCGTGGGG ACAAGTGGAG CTGCTGCCAC CAAAAGAGA AGACAGGTCA GGGCTGCGAT
AAGACCCGGT CACGGGTGAC CCTGCAGGAG TGAATGACC CTCTTGACCA TGACCTTGAG
GCCAGCTCA TCTACCGGCA CCTGCTGGGC GTGGAGGCCA TGCTGTGGGA GAGGCACCGG
GAGCTGAGCG GGGGCGCAGA GGCAGGCACG GTGCCACGA GCCCTGGCAA AGTCCCCGAG
GACTCATTGG CCCGGCTGCT CCGGGTGTG CAGGACCTCC GCGAGGCCA TAGCTCCAGC
CCGGCCGGCT CCCCACCCTC AGAGCCCAAC TGCTCCTGG AGCTGCAGAC GTGA

Specificity:

ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Product Details

Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	<ul style="list-style-type: none">• Forward primer: 5'-TAATACGACTCACTATAGGG-3'• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	RASA4B
Alternative Name:	RASA4B
Gene ID:	100271927
NCBI Accession:	NM_001277335

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• Keep the vial sealed and store at -20°C for long-term storage.• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.• Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.• Close the lid and vortex the vial for 1 minute.• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)
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