

Datasheet for ABIN4929465

Human GAB4 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GAB4
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 GAB4 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1725 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTCCCTGC CGTCCCCCTC ACCCTCCCGG GAGCTGTGCC CACCTGACCC GGCATTTGCG CCTTTGTCTT CGTGGCCCGG AAGTGGCCCC GCCGGCGGAA GCACGAGAAG TGGCCACGTG CTGTACAGCG GCTGGCTGAG GAAGTCGCCC CCCGAGAAGA AGCTGAGGCT CTTTGCCTGG AGGAAACGCT GGTTTATCCT GCGGAGGGGC CAGACTAGCA GTGACCCAGA TGTTCTGGAA TACTACAAGA ATGATGGCTC CAAGAAGCCC CTGCGCACCA TCAACCTGAA CCTCTGTGAG

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CAGCTGGATG TTGATGTGAC TCTGAACTTC AACAAGAAGG AGATTCAGAA GGGCTATATG
TTTGACATCA AGACCACTGA GCGTACCTTT TACCTGGTGG CTGAGACCAG GGAGGACATG
AATGAGTGGG TCCAGAGCAT CTGTCAGATC TGTGGCTTCA GGCAGGAGGA AAGCACAGGC
TTCCTGGGAA ACATTCCTC AGCCAGTCAC GGCCTCTGCT CTTCTCCAGC TGAGCCCAGC
TGCTCCCATC AGCACCTCCC CCAAGAACAA GAACCCACAT CTGAGCCCCC GGTGTCTCAC
TGTGTGCCGC CCACCTGGCC CATCCCTGCA CCTCCGGGGT GTCTCCGCTC GCACCAGCAC
GCCAGCCAGA GAGCAGAACA TGCAAGGAGT GCCAGCTTCT CCCAGGGTTC TGAGGCCCCA
TTCATCATGA GGAGAAACAC AGCCATGCAA AATCTTGCCC AGCACAGTGG ATACAGTGTT
GATGGGGTCA GCGGTACAT CCATGGCTTC CATAGCCTTT CCAAGCCCAG CCAGCACAAAT
GCAGAATTCA GAGGCAGCAC CCACAGAATC CCCTGGAGCC TGGCCTCCCA TGGCCACACC
AGAGGCAGCC TCACAGGCTC TGAGGCGGAT AATGAGGCTT CCTCCGGCAA GTACACCCAG
CATGGTGGAG GGAATGCCAG CCGGCCTGCT GAGTCCATGC ATGAGGGAGT CTGTTCTTTC
CTGCCAGGAA GAACGCTTGT GGGCCTGTCA GACAGCATTG CTTCTGAGGG CAGCTGTGTG
CCCATGAACC CAGGCTCCCC TACCCTGCCG GCTGTGAAGC AAGCAGGCGA TGATTCCCAG
GGTGTCTGCA TCCCTGTGGG CTCATGTCTT GTTCGCTTTG ACCTGCTTGG CTCCCCACTC
ACAGAGCTTT CTATGCACCA AGACCTCAGC CAGGGACATG AGGTCCAGCT GCCCCCTGTC
AACCGCAGCC TCAAGCCTAA CCAGAAGGCC AACCCAACAC CGCCCAACCT GAGAAACAAC
AGGGTCATCA ATGAGCTCTC CTTCAAGCCA CCTGTACAG AGCCCTGGTC TGGGACCAGC
CACACCTTTG ACTCCAGCTC CTCCCAACAC CCCATCTCCA CGCAGAGCAT CACCAACACA
GACTCAGAAG ACAGTGGAGA GAGGTATCTT TTCCCGAACC CGGCATCTGC ATTTCTGT
TCCGGTGGCA CCAGCAGTTC AGCCCCGCCG AGGAGCACTG GTAACATCCA CTACGCGGCC
CTGGACTTCC AGCCGAGCAA GCCATCCATA GGCTCTGTCA CGTCCGGCAA GAAGGTGGAC
TATGTCCAGG TGGATCTGGA GAAGACCCAG GCCCTGCAGA AGACCATGCA TGAACAGATG
TGCTGCGGC AGTCTCAGA GCCTCCCAGG GGCGCCAAGC TGTGA

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

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:

- 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:	GAB4
Alternative Name:	GAB4 (GAB4 Products)
Gene ID:	128954
NCBI Accession:	NM_001037814

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.
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Expiry Date:	12 months
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Publications

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