

Datasheet for ABIN4926327

Human FAM22G ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FAM22G
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 NUTM2G with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1479 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCTTCAA ATGGAGCATA CCCAGTGCTG GGACCCGGCG TGACCGTGAA CCCTGGCACC TCCCTGTCTG TGTTACGGC TCTGCCCTTT GCCACACCCT CTCCCGGCC AACACACAGG CCGCCCTCG TGA CTGCAGT GGTTCCTCCA GCCGGCCCTC TGGTGCTCTC TGCCTTCCCC AGCACCCCTC TAGTGGCAGG ACAGGATGGC CGCGGCCCAA GTGGGGCTGG GGCTTCCAAC GTCTTTGTCC AGATGAGGAC AGAAGTGGGG CCTGTGAAGC CCCCTCAGGC ACAGACCTTG

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Product Details

ATCCTAACTC AGGCCCCCT CGTCTGGCAG GCTCCAGGCA CCCTCTGTGG AGGTGTCATG
TGTCCACCTC CCCTACTCCT GGCAGCTGCT CCTGGGGTGC CCGTTACCTC TGCCCAGGTG
GTTGGGGGCA CCCAGGCCTG TGAGGGAGGC TGGTCCCATG GCCTTCTCT TCCACCACCA
CCACCGGCTG CCCAGGTGGC CCCCATCGTG TCCCAGGGA ACGCTGGGCC ATGGCCACAA
GGGGCTCATG GAGAGGGCAG CCTGGCTCCC TCCCAGGCCA AGGCCCGGCC GGACGACTCC
TGTAACCCA AGAGTGTCTA TGAGAACTTC CACTCTGGC AGCACTACAA GCCCCTGGCC
CGGAGGCACC TTCCCAGAG TCCTGACACT GAAGCGCTTT CCTGCTTCT CATCCCAGTT
CTCCGATCCC TGGCCCGGCG GAAGCCCACC ATGACGCTGG AGGAGGGACT GTGGCGGGCC
ATGCGGGAAT GGCAGCACAC GAGCAACTTT GACCGGATGA TTTTCTACGA GATGGCGGCA
AAGTTCTTGG AGTTTGAGGC TGAGGAGGAG ATGCAGATTC AGAAATCGCA GTGGATGAAG
GGGCCCCAGA GCCTGCCTCC TCCAGCCCCG CCGAGGCTTG AACCTCGAGG ACCCCCTGCC
CCTGAGGTGG TCAAGCAGCC AGTGTACCTT CCCAGCAAGG ATGGCCCCAA GGCCCCGACT
GCCTGCCTGC CACCACCCAG GCCCAGAGG CCAGCGGAGA CCAAGGCCCA CCTGCCACCA
CCCAGGCCCC CGAGGCCAGC AGAGACCAAG GTCCCTGAGG AGATCCCCC TGAAGTGGTG
CAGGAGTATG TGGACATCAT GGAGGAGCTG CTGGGGTCTC ACCCTGGGGA CACAGGGGAG
CCTGAGGGAC AACGGGAAAA GGGCAAAGTG GAGCAGCCGC AGGAAGAGGA CGGGATGACC
TCAGACCCGG GCCTCCTGAG CTACATTGAC AAGCTGTGTT CCCAGGAAGA CTTTGTCAAC
AAGGTGGAGG CCGTCATTCA CCCCCGATTC CTGGAAGAAT TGCTTTCCCC AGATCCACAG
ATGGATTTCT TGGCCCTAAG CCAGGAGCTG GAGCAGGAGG AAGGACTCAC CCTTGCCCAG
GGGGCCCCTT CAGATGCTCT GGGGACTGAC AGATGCTGA

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: FAM22G

Alternative Name: NUTM2G ([FAM22G Products](#))

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Target Details

Gene ID: 441457

NCBI Accession: [NM_001045477](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- 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)