

Datasheet for ABIN4919745

Human FAM218A ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

| | |
|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | FAM218A |
| 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 FAM218A with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 474 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGGAAGGAT GCGCGGTGCG GCGGGGCAGC TGTCCTCTTC TCCCCGGACC CAGCGCCTGG AGAGCCAGCC CTGCAGGGTG GGCTGGGCGA GCCAACTGC GTTCCTGGTG CAGGGCTTCG GGTCTCCCTA ACAGACCTTA TACGCTGACC GCGGCGCGCC ATGGCAGTGT CTCTTTGCTC AGACATCCAG GGACGACCAC ATTCGTCCAA CAGCGGTTCG TCCACCAATC CTGGGAGAAG |

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Product Details

CGAATCGTTT TCTCCGCGTG CCCTGTCAGC CGCTCATGGT GCCCAGAGAG GAATTTTAGT
GGCAGCATTC CGGCTGTCAC GCCACCGAAA TTGCCAGGCC ACTCCAAGTC AGAAGGACCA
CCAGGAAAAG TCAGGAAGAG AACCCACATC AGGTCCCAGC CTCTTTTTGT GACAAGGACT
AGAGGGTTTG GGTCTGCAGT GGGCTGGCTC CCGCTGGGCT CACCTGTCCT ATAG

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: FAM218A

Alternative Name: FAM218A

Gene ID: 152756

NCBI Accession: [NM_153027](#)

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.

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Handling

- 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)