

Datasheet for ABIN4929766

Human FAM86B2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FAM86B2
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 FAM86B2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	993 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCGCCCG AGGAGAACGC GGGGACCGAA CTCTTGCTGC AGGGTTTTGA GCGCCGCTTC CTGGCGGTGC GCACACTGCG CTCCTTCCCC TGGCAGAGCT TAGAGGCAAA GTTAAGAGAC TCATCAGATT CTGAGCTGCT GCGGGATATT TTGCAGAAGA CTGTGAGGCA TCCTGTGTGT GTGAAGCACC CGCCGTCAGT CAAGTATGCC TGGTGCTTTC TCTCAGAACT CATCAAAAAG

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Product Details

CACGAGGCTG TCCACACGGA GCCTTTGGAC AAAGTGTACG AGGTGCTCGC GGAGACTCTG
ATGGCCAAGG AGTCCACCCA GGGCCACCGG AGCTATTTGC TGTCCTCAGG AGGCTCAGTC
ACACTCTCCA AGAGCACAGC CATCATCTCC CACGGTACCA CAGGCCTGGT CACATGGGAT
GCCGCCCTCT ACCTTGCAGA ATGGGCCATC GAGAACCCGG CAGCCTTCAT TAACAGGACT
GTCCTAGAGC TTGGCAGTGG TGCCGGCCTC ACAGGCCTTG CCATCTGCAA GATGTGCCGC
CCCCGGGCAT ACATCTTCAG CGACCCTCAC AGCCGGATCC TCGAGCAGCT CCGAGGGAAT
GTCCTTCTCA ATGGCCTCTC ATTAGAGGCA GACATCACTG GCAACTTAGA CAGCCCCAGG
GTGACAGTGG CCCAGCTGGA CTGGGACGTA GCAATGGTCC ATCAGCTCTC TGCCTTCCAG
CCAGATGTTG TCATTGCAGC AGACGTGCTG TATTGCCAG AAGCCATCGT GTCGCTGGTC
GGGGTCCTGC AGAGGCTGGC TGCCTGCCGG GAGCACAAGC GGGCTCCTGA GGTCTACGTG
GCCTTTACCG TCCGCAACCC AGAGACATGC CAGCTGTTCA CCACCGAGCT AGGCCGGGAT
GGGATCAGAT GGGAAGCGGA AGCTCATCAT GACCAGAAAC TGTTCCCTA TGGAGAGCAC
TTGGAGATGG CAATGCTGAA CCTCACACTG TAG

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: FAM86B2

Alternative Name: FAM86B2

Gene ID: 653333

NCBI Accession: [NM_001137610](#)

Application Details

Restrictions: For Research Use only

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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)