

Datasheet for ABIN4929858

Human FAM200B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FAM200B
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 FAM200B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1974 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGATCATT TCTTTATTAA AAGAAAGAGG AATAGTGAAG TGAATATAC AGAAGCATGT TCAAGTTCAT CTGTTGAATC TGGAATTGTG AATAGTGACA ATATTGAGAA AAATACTGAC TCCAATCTGC AAACCTCAAC TTCATTTGAG CCACATTTCA AAAAGAAAAA AGTAAGTGCA AGACGTTATA ATGAAGATTA CTTAAAATAT GGCTTTATCA AATGTGAAAA ACCCTTTGAA

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AATGACAGAC CTCAGTGTGT TATTTGTAAT AATATTCTTG CGAATGAAAG CTTAAAACCT
TCGAAATTAA AAAGGCACTT AGAAACTCAG CATGCTGAAC TTATTGATAA GCCTCTTGAA
TATTTTCAAA GAAAGAAAAA AGACATAAAG TTATCAACAC AATTTCTTAG TTGTTCTACT
GCTGTTAGTG AGAAAGCCTT ATTATCATCA TATTTAGTTG CATATCGTGT GGCAAAAGAG
AAAATAGCTA ACACAGCTGC TGAAAAAATT ATTCTTCCAG CATGTTTGGG TATGGTGCCT
ACAATATTTG ATGATAAATC AGCTGATAAA TTAAAAACTA TACCTAATGA TAACACAGTA
TCTCTTCGAA TTTGTAATAT TGCAGAACAT TTAGAAACAA TGCTTATTAC TCGTTTACAG
TCTGGTATAG ATTTTGCAAT CCAGCTTGAT GAAAGCACTG ATATTGGAAG CTGCACAACA
CTTTTAGTTT ATGTCAGATA TGCCTGGCAA GATGATTTTT TGGAGGATTT TTTGTGTTTT
TTAAATTTAA CCTCACACCT AAGTGGATTA GATATTTTTA CAGAATTAGA AAGGCGCATA
GTTGGCCAAT ATAAATTTAA CTGGAAAAAC TGTAAGGAA TTACAAGTGA TGGCACAGCA
ACCATGACTG GAAAACATAG CAGAGTAATT AAAAAATTAC TAGAAGTTAC TAATAATGGT
GCTGTGTGGA ATCATTGTTT TATACATCGT GAAGGTTTAG CATCCAGAGA AATTCCACAG
AATCTCATGG AGGTATTGAA AAATGCAGTG AAAGTTGTTA ATTTTATTAA AGGAAGCTCA
TTGAATAGCC GGCTTCTTGA AACATTTTGT TCAGAGATTG GAACTAATCA TACCCACTTA
CTATATCATA CCAAATTCG TTGGTTGTCT CAAGGGAAAA TACTAAGCAG GGTTTATGAG
CTCAGGAATG AGATTCACTT TTTTCTCATT GAAAAAAAT CTCATTTGGC AAGTATTTTT
GAAGATGATA CTTGGGTAAC AAAATTGGCA TATTTAACTG ATATTTTTAG CATTCTTAAT
GAACTGAGTT TAAAACATCA GGGGAAAAAC AGTGATGTAT TCCAACATGT TGAACGTATC
CAGGGATTTT GAAAGACATT ATTGTTATGG CAAGTAAGAC TTAAAAGTAA TCGTCCTAGC
TATTACATGT TTCCAAGATT TTTGCAGCAT ATTGAAGAGA ATATTATTAA TGAAAACATT
TTGAAAGAAA TAAAATTAGA GATATTGTTG CATCTCACTT CTCTGTCTCA AACTTTTAAC
CATTCTTTT CAGAAGAAAA ATTTGAAACA TTAAGGGAAA ACAGTTGGGT AAAAGATCCA
TTTGCTTTT GACACCCTGA ATCAATAATT GAGCTAAACT TGGTGCCTGA AGAAGAGAAT
GAATTATTGC AGCTTAGTTC TTCATATACA TTGAAGAATG ATTATGAAAC CTTAAGTTTA
TCAGCATTTC GGATGAAGGT AAAGGAAGAC TTTCCATTGT TAAGTAGAAA GAGTGTCTCTG
CTATTGCTAC CATTACAAC AACTAGTTTG TGTGAACTAG GGTTTTCCAT CTTAACGCAG
TTAAAACAA AGGAAAGAAA TGGGCTGAAT TGTGCAGCAG TTATGCGGGT AGCATTATCT
TCCTGTGTTT CAGACTGGAA TGAAGTTATG AACAGGCAAG CACACCCATC 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.

Product Details

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: FAM200B

Alternative Name: FAM200B

Gene ID: 285550

NCBI Accession: [NM_001145191](#)

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)
