

Datasheet for ABIN4925110

Human PRAMEF20 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PRAMEF20
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 PRAMEF20 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1428 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGCATCC GGA CTCCACC CAGACTCCTG GAGCTGGCGG GGCGGAGCCT GCTGAGGGAC GAGGCCTTGG CCATCTCCAC CCTGGAGGAG CTGCCACGG AACTTTTTCC CCCATTGTTC ATGGAGGCCT TCAGCAGGAG AACTGTGAG GCCCTGAAGC TGATGGTGCA GGCCTGGCCT TTCCTCCGCC TTCCTCTGGG GTCTCTGATG AAAAGGCCTT GCCCAGAGAC CTTCCAAGCT

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Product Details

GTGCTCGATG GGCTTGATGC ACTGCTTACC CACAGGGTTC GTCTCAGGAG GTGGAAACTT
CAAGTGCTGG ATTTACAGGA TGTCAGTGAG AACTTCTGGA TGGTTTGGTC TGAAGCCATG
GCCCCGTAGGT GCTTACCAA TGCCATGATG AACAGAAAAC CACTGCAGGA CTGTCCAAGG
ATGAGAGGAC AGCAGCCCTT GACTGTGTTC ATAGACCTTT GCCTCAAGAA CAGGACTCTG
GATGAATACT TCACCTGCCT CTTTCTATGG GTCAAGCAGA GGAAGGTTT AGTACACCTG
TGCTGTAAGA AGCTGAAAAT GTTGGGAATG CTCTCCACA ATATCAGAAA CATCCTGAAA
ACAGTCAACC TAGACTGTAT CCAGGAGGTG GAAGTGAATT GCAATTGGAC ACTGCCCGTC
CTGGCAGAGT TTACCCATA CCTCGGCCAG ATGAGGAATC TTCGGAAGCT CGTTCTCTCT
GACATAGATT CTCGCTACAT TTCCCAGAG CAGAAGAAGG AGTTTGTTAC CCAGTTCACC
ACTCAGTTCC TCAAGCTGCG CTGCCTCAA AAGCTTTATA TGAACTCTGT TTCTTTCTC
GAAGGCCACC TGGACCAGAT GCTCAGCTGT CTAAGACCT CGTTAAACAT CCTCGCAATA
ACTAACTGTG TGCTTTTGA ATCAGACTTG AAGCATCTGT CCAAGTACCC GAGCATTGGT
CAACTAAAGA CCCTGGACCT GAGTGGCACC AGACTGGCCA ATTCAGCCT TGTGCCGCTC
CAAGTTCTCC TAGAAAAAGT TGCAGCCACC CTTGAGTACC TGGACTTAGA TGAAGTGGC
ATCGTAGACT CCCAAGTCAA CGCCATCCTG CCTGCCCTGA GCCGCTGCTT TGAGCTCACC
ACCTTCAGCT TCCGTGAAA TCCCATCTCC ACGGCCACCC TGGAGAACCT GCTGTGCCAC
ACAATCAGAC TCAACAATT ATGCCTGGAG CTGTATCCTG CCCC GCGGGA GAGTTATGAT
GTTCTGGTA TCGTCTGCCG GAGCAGATTT GCCCAACTTG GGGCTGAGCT GATGGGGAGA
GTGAGGGCCT TAAGGGAGCC CGAGAGGATC TTGTTCTGTA CCGACTACTG CCCTCAGTGT
GGCAACAGGT CACTTTACGA CCTGGAGGTA GATCGGTGTT GCTGTTGA

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: PRAMEF20

Alternative Name: PRAMEF20 ([PRAMEF20 Products](#))

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Target Details

Gene ID: 645425

NCBI Accession: [NM_001099852](#)

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)