Datasheet for ABIN4925112

Human PRAMEF18 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PRAMEF18
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 PRAMEF18 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1440 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGCTTCC AGGCCCCACG CAGACTCCTG GAGCTGGCAG GGCAGAGCCT GCTGAGGGAC CAGGCCTTGG CCATCTCCGT CCTGGATGAG CTGCCCAGGG AGCTCTTCCC CCCACTGTTC GTGGAGGCCT TCACTAGCAG ACGCTGCGAG GTTCTGAAGG TGATGGTGCA GGCCTGGCCC TTCCCCTGCC TCCCTCTGGG GTCCCTGATG AAGACGCCTG ATCTGGAGAT CTTACATTAT

Product Details

	GTAGTGGATG GGATTGATTG CCTGCTTGCC CAAAAGGTTC GCCCCAGGAG GTGGAAACTT CAAGTGCTGG AAATGCGGGA TGTTGATGAG AATTTTTGGA CCATATGGTC TGGAGCCAGG CTCCTGTCCT GCTCCCCAGA GGCCATGAGT AAGAGACAGA CAGTGGAGGA CTGTCCAAGG ACAGGAGAGA AGCAGCCCTT GAAGGTGTTC ATGGATGTTT GCCTCAAGGA AAAATTCATG GATGAAGATC TGAGCTTCTT CTCTGGGTGG GTGCAGCACA GAAGAGGTTC AGTACACCTG TGCTGTACTA AGGTGGTGAA TTATTCAATG AGCATTCTAA ATTTCAGAAA CATATTGGAA ACAGTATACC CAGACAGTAT CCAAGTGTTG GAAATTTGGA ACATGTGCTG GCTGTGTATG ATAGTAGAGT TTAGCCGTTA CCTGAGCCAG ATGAGGAATC TTCGCAAACT CTTCATCTCT GATGGCTGTC GTTACCTGCT AAGCTCTGAC AGCCAAGAAC AGTTAGTTGC TGAATTCAGC TCTGTGCTCC TCAGGCTGGA GAACCTCCAG ATGCTTTATG TAAGAAGGGT CTGCTTCTTC AGAGGCCACC TGGACCAGCT GATCAGGTGC CTCAGGAGCC CGTTGGAGAC ATTGGCATTA ACTTATGGCT TCCTAGAAGA AGAGGACTTG AAATGCCTGC CCCGGTACCC AAGTCTCAGT CAACTGAAGC AGCTGAATCT GAGTCATGGT GCACTGCGCT TCATCCGTCT TGAGCCCCTC CGAGCTCTGC TAGAGAAAGT TGCTGCCACT CTTCAGACCC TCTTCTTAGT GGACTGTGGG ATTGGGTACT CCAAACTCAG GGTCATCCTG CCTGCCCTGA GCCGCTGCTC CAACCTCACC ACTTTCTGTT TTCACGGCAA TGACACGTCC ATGGATGCTC TGAAGGACCT GCTGCGCCAC ACAGGCAGGC TGAGCAATTT GAGCCTGGAA ACATATCCTG CCCCTCGGGA GAGTCTTGAC AACAGGGGTC GTGTCATTTT GGAGCTCCTC ACCCCACTTC AGGCTGAGCT GATGCGTATA CTGAGGGAAG TAAGGGAGCC CAAAAGGATC TTCTTTGGTC CGGTGTCCTG CCCTTGCTGT GGCACGTCGC CCACTGAGCA ACTGGAGTCC AATTTTTGCT TGTGGGGAAG GCCTGCCTAG
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:	PRAMEF18
Alternative Name:	PRAMEF18 (PRAMEF18 Products)

Target Details

Gene ID:	391003
NCBI Accession:	NM_001099850

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)