

Datasheet for ABIN4924825

Human PTGES3L-AARSD1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PTGES3L-AARSD1
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 PTGES3L-AARSD1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1578 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGTTTT GTGTTGAGGA CAGCACCGAT GTCCACGTGC TTATTGAGGA TCACCGCATT GTGTTGAGCT GCAAGAATGC CGATGGAGTG GAGTTGTACA ATGAGATTGA GTTCTATGCC AAAGTGAAGT CCAAGGACTC CCAGGATAAG CGCTCTTCCC GCTCTATTAC TTGTTTTGTG AGAAAATGGA AGGAAAAGGT GGCCTGGCCG CGGCTTACCA AGGAGGATAT CAAGCCAGTG

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Product Details

TGGCTGTCTG TGGACTTTGA TAACTGGAGA GACTGGGAAG GGGATGAAGA GATGGAGCTG
GCTCATGTGG AACATTATGC AGAGCTTTTG AAGAAGGTCA GCACCAAGAG ACCTCCACCT
GCCATGGATG ATTTGGATTT CACCACCACC GTGGTCTCCT GCTGTCCCGC GGAGCTGCAG
ACTGAAGGGA GCAACGGCAA GAAAGAAGTG CTGAGCGGTT TCCAAGTGGT GCTGGAAGAC
ACAGTGCTTT TCCCTGAGGG CGGGGGACAG CCTGATGACC GTGGTACAAT CAATGACATC
TCTGTGCTGA GAGTGACTION CCGTGGGGAA CAGGCTGATC ATTTACCCCA GACACCCCTG
GATCCAGGAA GCCAGTTTCT GGTCCGGGTA GATTGGGAGC GGAGGTTTGA CCACATGCAG
CAGCATTGAG GGCAGCATCT CATCACGGCA GTTGCTGACC ATCTATTTAA GCTGAAGACA
ACATCATGGG AGTTAGGGAG ATTTCCGAGT GCGATTGAGC TGGACACCCC CTCTATGACT
GCAGAGCAAG TAGCTGCCAT TGAGCAGAGC GTCAATGAAA AAATCAGAGA TCGGCTGCCT
GTGAATGTCC GAGAACTGAG CCTGGATGAT CCTGAGGTGG AGCAGGTGAG TGGCCGGGGT
TTGCCTGATG ATCATGCTGG GCCCATTCCG GTTGTTAACA TCGAGGGCGT TGATTCCAAC
ATGTGCTGTG GGACCCATGT GAGCAATCTC AGTGACCTTC AGGTCATTAA GATTCTGGGC
ACTGAGAAGG GGAAAAAGAA CAGAACCAAC CTGATATTTT TGTCTGGGAA CCGGGTGCTG
AAGTGGATGG AGAGAAGTCA TGGAACTGAA AAAGCACTGA CTGCTCTGCT TAAGTGTGGA
GCAGAGGATC ATGTGGAAGC AGTAAAAAG CTCCAGAACT CCACCAAGAT CCTGCAGAAG
AATAACCTGA ATCTGCTCAG AGACCTGGCT GTGCACATTG CCCATAGCCT CAGGAACAGT
CCAGACTGGG GAGGTGTGGT CATATTACAC AGGAAGGAGG GTGATTGAGA GTTCATGAAT
ATCATTGCCA ATGAGATTGG GTCAGAGGAG ACCCTCCTGT TCTTAACTGT GGGCGATGAG
AAAGGTGGTG GACTCTTCTT ACTGGCAGGG CCACCTGCGT CTGTGGAGAC CCTGGGGCCC
AGGGTGGCTG AGGTCCTGGA AGGCAAAGGA GCAGGGAAGA AAGGCCGTTT TCAGGGCAAG
GCCACCAAGA TGAGCCGGCG GATGGAGGCG CAGGCGCTTC TCCAGGACTA CATCAGCAGC
CAGAGTGCTA AGGAGTGA

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:	<ul style="list-style-type: none">• 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.

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Target Details

Gene: PTGES3L-AARSD1

Alternative Name: PTGES3L-AARSD1 ([PTGES3L-AARSD1 Products](#))

Background: This locus represents naturally occurring readthrough transcription between the neighboring PTGES3L (prostaglandin E synthase 3 (cytosolic)-like) and AARSD1 (alanyl-tRNA synthetase domain containing 1) genes on chromosome 17. The readthrough transcript encodes a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, May 2012].

Gene ID: 100885850

NCBI Accession: [NM_025267](#)

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)