

Datasheet for ABIN4923612

Human SLC22A10 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SLC22A10
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 SLC22A10 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1626 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCCTTTG AGGAGCTCTT GAGTCAAGTT GGAGGCCTTG GGAGATTTC AATGCTTCAT CTGGTTTTTA TTCTTCCCTC TCTCATGTTA TTAATCCCTC ATATACTGCT AGAGAAC TTT GCTGCAGCCA TTCCTGGTCA TCGTTGCTGG GTCCACATGC TGGACAATAA TACTGGATCT GGTAATGAAA CTGGAATCCT CAGTGAAGAT GCCCTCTTGA GAATCTCTAT CCCACTAGAC

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

TCAAATCTGA GGCCAGAGAA GTGTCGTCGC TTTGTCCATC CCCAGTGGCA GCTTCTTCAC
CTGAATGGGA CTATCCACAG CACAAGTGAG GCAGACACAG AACCCGTGTGT GGATGGCTGG
GTATATGATC AAAGCTACTT CCCTTCGACC ATTGTGACTA AGTGGGACCT GGTATGTGAT
TATCAGTCAC TGAAATCAGT GGTTCAATTC CTACTTCTGA CTGGAATGCT GGTGGGAGGC
ATCATAGGTG GCCATGTCTC AGACAGGTTT GGGCGAAGAT TTATTCTCAG ATGGTGTTTG
CTCCAGCTTG CCATTACTGA CACCTGCGCT GCCTTCGCTC CCACCTTCCC TGTTTACTGT
GTACTACGCT TCTTGGCAGG TTTTTCTTCC ATGATCATT TATCAAATAA TTCTTTGCC
ATTACTGAGT GGATAAGGCC CAACTCTAAA GCCCTGGTAG TAATATTGTC ATCTGGTGCC
CTTAGTATTG GACAGATAAT CCTGGGAGGC TTGGCTTATG TCTTCCGAGA CTGGCAAACC
CTGCACGTGG TGGCGTCTGT ACCTTTCTTT GTCTTCTTTC TTCTTTCAAG GTGGCTGGTG
GAATCTGCTC GGTGGTTGAT AATCACCAAT AACTAGATG AGGGCTTAAA GGCACCTAGA
AAAGTTGCAC GCACAAATGG AATAAAGAAT GCTGAAGAAA CCCTGAACAT AGAGGTTGTA
AGATCCACCA TGCAGGAGGA GCTGGATGCA GCACAGACCA AACTACTGT GTGTGACTTG
TTCCGCAACC CCAGTATGCG TAAAAGGATC TGTATCCTGG TATTTTTGAG ATTTGCAAAC
ACAATACCTT TTTATGGTAC CATGGTCAAT CTTCAGCATG TGGGGAGCAA CATTTCCTG
TTGCAGGTAC TTTATGGAGC TGTCGCTCTC ATAGTTCGAT GTCTTGCTCT TTTGACACTA
AATCATATGG GCCGTCGAAT AAGCCAGATA TTGTTTATGT TCCTGGTGGG CCTTTCCATT
TTGGCCAACA CGTTTGTGCC CAAAGAAATG CAGACCCTGC GTGTGGCTTT GGCATGTCTG
GGAATCGGCT GTTCTGCTGC TACTTTTTCC AGTGTGCTG TTCACTTCAT TGAACTCATC
CCCCTGTTTC TCAGGGCAAG AGCTTCAGGA ATAGATTTAA CGGCTAGTAG GATTGGAGCA
GCACTGGCTC CCCTCTTGAT GACCTTAACG GTATTTTTTA CCACTTTGCC ATGGATCATT
TATGGAATCT TCCCATCAT TGGTGGCCTT ATTGTCTTCC TCCTACCAGA AACCAAGAAT
CTGCCTTTGC CTGACACCAT CAAGGATGTG GAAAATCAAA AAAAAATCT CAAGGAAAAG
GCATAA

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:	SLC22A10
Alternative Name:	SLC22A10 (SLC22A10 Products)
Gene ID:	387775
NCBI Accession:	NM_001039752

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• 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)
-------------------	---