

Datasheet for ABIN4935287

Human SLC2A4RG ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SLC2A4RG
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 SLC2A4RG with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1164 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGCGCC CCCC GCCCGG CGCCGCCGGC CGGGACCCCA GTGCGCTGCG GGCCGAGGCG CCGTGGCTGC GCGCGGAGGG TCCGGGGCCG CGCGCCGCGC CCGTGACGGT GCCACGCCG CCGCAGGGCT CTTCCGTGGG CGGCGGCTTC GCGGGCTTGG AGTTCGCGCG GCCGCAGGAG TCGGAGCCGC GGGCCTCGGA CCTGGGGGCC CCCC GGACGGGGGC GGCGGCGGGG

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Product Details

CCCCGGACTC CGTCGGCGCA CATCCCCGTC CCAGCGCAGA GAGCCACCCC AGGAAAAGCC
CGGCTGGACG AGGTCATGGC TGCCGCTGCC CTTACAAGCC TGTCCACCAG CCCTCTCCTT
CTGGGGGCCC CGGTTGCAGC CTTACGCCCA GAGCCTGGCC TGGAGCCCTG GAAGGAGGCC
CTGGTGCGGC CCCCAGGCAG CTACAGCAGC AGCAGCAACA GTGGAGACTG GGGATGGGAC
CTGGCCAGTG ACCAGTCCTC TCCGTCCACC CCGTCACCCC CACTGCCCCC CGAGGCAGCC
CACTTTCTGT TTGGGGAGCC CACCCTGAGA AAAAGGAAGA GCCCGGCCCA GGTTCATGTTT
CAGTGTCTGT GGAAGAGCTG CGGGAAGGTG CTGAGCACGG CGTCGGCGAT GCAGAGACAC
ATCCGCCTGG TGCACCTGGG GAGGCAGGCA GAGCCTGAGC AGAGTGATGG TGAGGAGGAC
TTCTACTACA CAGAGCTGGA TGTTGGTGTG GACACGCTGA CCGACGGGCT GTCCAGCCTG
ACTCCAGTGT CCCCCACGGC CTCCATGCCG CCTGCCTTCC CCCGCCTGGA GCTGCCAGAG
CTGCTGGAGC CCCCAGCCCT GCCTAGTCCC CTGCGGCCGC CTGCCCCGCC CCTGCCCCCG
CCCCCTGTCC TGAGCACCGT TGCTAACCCC CAGTCCTGTC ACAGTGACCG TGTCTACCAG
GGCTGCCTGA CGCCCGCCCG CCTGGAGCCG CAGCCCACGG AGGTCGGAGC CTGCCACCCC
GCCTTGTCT CCAGGATCGG AGTCACCCTG AGGAAGCCCC GCGGCGACGC GAAGAAGTGC
CGGAAGGTGT ATGGCATGGA GCGCCGGGAC CTCTGGTGCA CAGCCTGCCG CTGGAAGAAA
GCCTGCCAGC GGTTCTGGA CTA

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.

Target Details

Gene:	SLC2A4RG
Alternative Name:	SLC2A4RG (SLC2A4RG Products)
Background:	The protein encoded by this gene is a nuclear transcription factor involved in the activation of the solute carrier family 2 member 4 gene. The encoded protein interacts with another transcription factor, myocyte enhancer factor 2, to activate transcription of this gene. [provided by RefSeq, Jul 2008].

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Target Details

Gene ID: 56731

NCBI Accession: [NM_020062](#)

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)