

Datasheet for ABIN4945244

Human SLC9C2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SLC9C2/SLC9A11 (SLC9C2)
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 SLC9C2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	3375 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGTTCTT ACTTCTGGGC ACAAATGAA AGTAACAGAC CTGATTTACT CTGCGGGCAG CCAGCTGACT ACCTTGTTGA AGAGAAACAT TTCACAACGC TTGTATGCTT CATTGTTGTT TTGGGAGGGC TTTTGAAGAT GTGTTTAAAG AATTGTGAAG TCATTGTTTT GACGATTCTT TCTCTATCAG GATTCGTGAT AGGACACATG GCCTACAATT CTGTTGAGGT GCACCAAATT GTCTACCCTC TTCTAAGAAC ATCAAGTTTT TCACTTTATT CTTACTTTTT ACCTTTAATT

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ATATTTATGG TTGCTTTGGA TGTAGAATTT TATACACTCA AGAAAATGTT TTGGCAGGTC
TTGTAACTG GATTAATTAG CTTTTCTACA GCAAGCATCA TAATTGGATA TGTCGTTATA
AAATTCAATA AAGATTCATG GGATTTGCAA TCTTGCCCTAC TCTTTAGCAT CACCCTTGGC
ATTATAGATC CTCTTCGTTT TGTGAATTCA CTA AAAACTA TTGGCATTTC TAAAATATA
ATTGATCTCA TTAGAGGAGA ATCATTGATC ATTTGTAGCA TCGCATCAAT TTTTTTTGGA
AATTTTCGGG GCAACAGAAT CCACTTTTCT ATTTTTAGAG ATTTACATGT AGGCATTGAA
CTCAGCTATG ACATTTTGGG AAGCATAATA TTTGGATATT GGTGTGCAAA AATCATTGAG
TGTATATTGG CTGACGTTTT TAGCAATATG CTGACTAATA TCATTCTCTG CTTTTCAATG
GTGTACATGA CTTTCTATAT TGTGGAATTT TTAGGAATGT CAGGCACTCT TGCCTTAGCC
GCTGTAGGAC TGAATTTAGA TTCTTTAACT TTTAAACCGA AGATCGAACT TGTAATTACT
AAGTTCTTAA GAATTTTTTC ATCTGTATAT GAACATTTAA TATATGCTTT CTTTGGCATT
GTGATTGGAT GTGGAGAACT CAGCCACTAT GAATTTTACA CTATACCTTT CATATTCATT
TTATTTACAA CAGTGAATTT GGTAAGGTTG CTTACTATTT TGTTAGTGAG CCCTATTTTG
ATGCATTCAA ATTATGAATA TAATTGGCGA TGGGGAGTTG TAATCACGTG GTCTGGAATT
AAAGGAGTTT TTAATTTACT CTGGGCTCCT GATGTTTATA ATCTCGCTGA ACGAAAAGTG
GAAGTACCAC AAATGTTTAT ACTCTATGTA CAAGTAATAT CATTATTGAC AATGGGAATA
AATTCATACG TGATGACTCA GTCAGCCAGG AAGTTAGATT TGTGTGTTCT TTCCCTCCCA
AGACAAATGA TCTTGCAAAA TGCCACTCAG CACATACAGG AGATAGTACA GAACACAATA
ACTTTATTTA AAACAGAAAA AATTTTGACA AATGTTAACT GGACCTTAGT AGAAGATAAA
ACGAGGATCG AATACATTCC TTTTCCCAC GTTTCACATA ATGATATGAA GACAGAATCC
ACAACAGATG AAGCTTTAAT GGAGGAAGCC AGATTGCATG TAGCTGCAAT ACAAATGAGT
AGCTTTGAAA AACAGCGTAA CAATGGAATT CTTGAAATAG AGGCAGCCCG GATATTAATT
GGTGCAGCAA AATGCTATTA CTCCATCCAA GGAAAATTCA TGAGTATTTA TGATGTTTCA
ACTTATATGA GAACTAGAAG TTGGCTTATA AAGTTTAAAA ATGTTTTAAC TTTCTTGGA
TATTGTATAG AAAAGATACA TTTTATTCCA CCTGAGAGTA ATACATTTCT GACTTTTATA
TTTCACATAG TATTTTCTGA AGAATTTGAA TATACAGGAC AGATTATAAA TTTGATATAT
ATTTATCCTA TGATAATACA TCTGTGGCCA ATGGCAAGAG GTTTAAATGT ATCAGCACTG
ATATCAATAA ACTACTATTT TATGTTTTTA TATGTATTAG AATCAACATT GAAGATAATA
ATTTTGAAAA GGAAATATTT TCAACAATGT TGAATACTT TGAATTTTT TATCCTGGTT
ATTGGAATCA TTGATATCTT TTGTGTATAC TTTGTGAAAT TGAGACCAGA CAACTTGGCT
CTTATACAGC TTACAGTAAT AATGGGATAT TTAAGAATAA TTAGGTTTCT TCCTCTCTTC
AAGATAATAG TACCAATACT GATAAGAATT GCAGATGTGC AGATCAAAAA GCGCCTCAGC
TTGATGTATA GTATTACAAA AGGCTATATC AAAAGTCAAG AAGATGCCAA ACTTCTAATA
AAACAAATAG CTGTCTGTGA ATCAATATAT CAGAACTAT GTGAAATTTT GGAAACCAAC
AAACAGGATG CTGTCAAAGA ATTAGTACTC ATGGAGCATG AGGGTCGTGA TGTTGTCATT
GCTTTGAAGA CTAACAGGC AATCCGGAAT GTGATTGCTA AAGCTCTAAA AAATCTCACC

Product Details

TTCTTTGTT CAAGAGGCAT TATTGATAAG CATGAAGTCA TTGAGATAAA TAAGGTA
CTTAAAAAAT TAAAAGCACT AAATAACTTT CCAAAGGCAA TCCCACCCCC AACTCCTGAC
ATATACCTTC ACAACATCAT TTGGCTGGAA GGTAAAGATG TTCTCATTGA CTTCTTCAAG
GAAAGAGCCA AACTTGCCTG TTTTGACTCT GGAGATACCA TTTGTAAAGG AGGTGAAATG
CCACAAGGAA TCTACTTAAT TATTCAGGA ATGGCAATTT TGCATAGTTT ATCTCCTACC
TTTGGAATAG AGAGTAATCA AAGGTGTGAT AGAGGGTCCA GAGACATGTT TACAGAGTTC
TGTACTACTG GGGACATAAT TGGAGAGCTA AGCTGTCTGC TTAAGCGTGA AATTGAATAT
ACCGTCATCT GTGAAACTAG TTTACAGGCC TGCTTTATCT CCCTGGAGGA TTTATATGAA
GGCTTTGATG CTTCTGGCC ATCTCTGGAA TATAAAATAT GGCTAAAGCT TGCTCTCAGT
ACTGCCTATC AGTATTTTGA ATCAAGTCTT ATTGATGAGG ACTTAAGGTT TCAGAACTGT
GTGATGTTCA ATCAAGCATA TGTGGAACT TTATCAAGCT ATAGTGACAT GATTATTGAT
AATATGACCA TGAAATTTGT TATCATTGTG TATGGCAGTG TAATTGATAC TAAGACAGAG
GAACCATATT TTGCACCTTG CATTATACCT ACAACCTGTG AGCAGGTTCA GGAACTTCT
GATTTAAGCA AGCTGCTGAT AATCCAAGCA TCTGAGCTTA CCCAAAGAAA TAGTAACACC
AATGTCATGG CCTCAGTCAA CACGGTCTTT GAACAACCAG GAAAGAATAT AAATGGAAGA
CAAAAGATGA GTTGA

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: SLC9C2/SLC9A11 (SLC9C2)

Alternative Name: SLC9C2 ([SLC9C2 Products](#))

Gene ID: 284525

NCBI Accession: [NM_178527](#)

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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)