

Datasheet for ABIN4923474

## Human SLC35G6 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

|              |                             |
|--------------|-----------------------------|
| Quantity:    | 10 µg                       |
| Gene:        | SLC35G6                     |
| 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 SLC35G6 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.   |
| Brand:                | GenEZ™  |
| Insert Length:        | 1017 bp   |
| Vector Backbone:      | pcDNA3.1+C-(K)-DYK  |
| Promoter:             | CMV Promoter  |
| Selectable Marker:    | Neomycin  |
| Bacterial Resistance: | Ampicillin  |
| Expression Type:      | Transient, Stable   |
| Sequence:             | ATGGCTGGCA GTCACCCCTA CTTGAACCCG CCTGACTCCA CACACCCATC GCCGCCCTCC<br>GCTCCACCCA GCCTCCGCTG GCACCAGTGC TGCCAGCCCT CTGATGCCAC CAATGGCCTG<br>CTGGTGGCCC TGCTGGGTGG GGGCCTGCCT GCTGGCTTCG TGGGCCCCCT TTCTCATATG<br>GCTTACCAGG CTTCCAACCT GCCCTCGCTG GAGCTGCTCA TCTGTGCGATG CCTCTTCCAC |

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## Product Details

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CTCCCTATTG CCCTGCTACT TAAACTGCGT GCGGACCCCC TTCTGGGACC TCCTGACATC  
CGAGGCCGGG CCTACTTCTA TGCCCTGCTC AACGTCCTCA GCATTGGATG TGCCTACAGT  
GCGGTTTCAGG TGGTGCCCGC TGGCAACGCT GCCACTGTTC GCAAAGGTTT TTCCACCGTC  
TGCTCCGCCG TCCTCACCTT CTGCCTTGAG AGCCAGGGTC TCAGTGGCTA CGACTGGTGT  
GGACTGTTGG GCAGCATCCT AGGACTAATC ATCATTGTGG GACCTGGACT CTGGACACTA  
CAGGAGGGGA TCACGGGTGT CTACACCGCC CTGGGCTATG GGCAGGCTTT CGTGGGAGGA  
CTGGCGCTGT CCCTGGGGCT TCTGGTCTAT CGTTCTCTGC ACTTTCCTC CTGCCTCCCA  
ACAGTGGCCT TCCTATCTGG CTTGGTGGGG CTGCTGGGCT CTGTGCCAGG CCTCTTTGTG  
CTGCAGCCCC CCGTGTTGCC CAGTGATCTC CCGAGTTGGA GTTGTGTGGG GGCAGTGGGG  
ATCCTCGCCT TGGTCTCCTT CACATGTGTG AGCTATGCCG TCACCAAGGC CCACCCTGCC  
CTGGTGTGCG CTGTCCTGCA TTCCGAGGTG GTGGTGGCCC TTATACTGCA GTATTATATG  
CTCCATGAGA CTGTGGCACC TTCTGACATC GTGGGGCAG GGGTTGTGCT GGGCAGCATT  
GCCATCATCA CAGCCTGGAA CCTCAGCTGT GAGAGGGAAG GGAAGGTGGA GGAGTGA

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

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Gene: SLC35G6

Alternative Name: SLC35G6

Gene ID: 643664

NCBI Accession: [NM\\_001102614](#)

## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Storage: RT/-20 °C

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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.

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Expiry Date: 12 months

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## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)