

Product datasheet for RC224822L2V

OriGene Technologies, Inc.

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SGLT2 (SLC5A2) (NM_003041) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: SGLT2 (SLC5A2) (NM_003041) Human Tagged ORF Clone Lentiviral Particle

Symbol: SGLT2
Synonyms: SGLT2

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_003041 **ORF Size:** 2016 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC224822).

Sequence:
OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 003041.2

 RefSeq Size:
 2271 bp

 RefSeq ORF:
 2019 bp

 Locus ID:
 6524

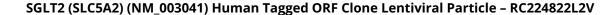
 UniProt ID:
 P31639

 Cytogenetics:
 16p11.2

Protein Families: Transmembrane

MW: 72.7 kDa







Gene Summary:

This gene encodes a member of the sodium glucose cotransporter family which are sodium-dependent glucose transport proteins. The encoded protein is the major cotransporter involved in glucose reabsorption in the kidney. Mutations in this gene are associated with renal glucosuria. Two transcript variants, one protein-coding and one not, have been found for this gene. [provided by RefSeq, Feb 2015]