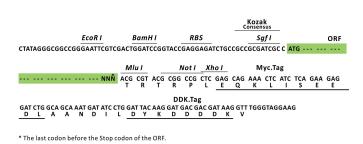


Product datasheet for RC225437L3

SLC25A36 (NM_001104647) Human Tagged Lenti ORF Clone

Product data:

| Product Type: | Expression Plasmids |
|------------------------------|--|
| Product Name: | SLC25A36 (NM_001104647) Human Tagged Lenti ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | SLC25A36 |
| Synonyms: | PNC2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| E. coli Selection: | Chloramphenicol (34 ug/mL) |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC225437). |
| Restriction Sites: | Sgfl-Mlul |
| Cloning Scheme: | |
| | Cloning sites used for ORF Shuttling: |
| | Sgf I ORF Miu I GCG ATC GC ATG// NNN ACG CGT |



ACCN: ORF Size: https://www.origene.com

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

Rockville, MD 20850, US Phone: +1-888-267-4436

9620 Medical Center Drive, Ste 200



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

NM_001104647

933 bp

| SLC25A36 (NM_001104647) Human Tagged Lenti ORF Clone – RC225437L3 | |
|---|--|
| 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. <u>More info</u> |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | <u>NM 001104647.1</u> |
| RefSeq ORF: | 936 bp |
| Locus ID: | 55186 |
| UniProt ID: | <u>Q96CQ1</u> |
| Cytogenetics: | 3q23 |
| Protein Families: | Druggable Genome, Transmembrane |
| MW: | 34.1 kDa |
| Gene Summary: | Mitochondrial transporter that imports/exports pyrimidine nucleotides into and from mitochondria. Transports preferentially cytosine and uracil (deoxy)nucleoside mono-, di-, and triphosphates by uniport and antiport mechanism. Also transports guanine but not adenine (deoxy)nucleotides. Is inhibited strongly by pyridoxal 5'-phosphate, 4,7-diphenyl-1,10- phenanthroline, tannic acid, and mercurials (mercury dichloride, Mersalyl acid, p- hydroxymercuribenzoate). Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration.[UniProtKB/Swiss-Prot Function] |

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US