

Product datasheet for RC205179L4

RIC3 (NM_024557) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RIC3 (NM_024557) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: RIC3

Synonyms: AYST720; PRO1385

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205179).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_024557

ORF Size: 1104 bp



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RIC3 (NM_024557) Human Tagged Lenti ORF Clone - RC205179L4

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.

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. 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 024557.2</u>, <u>NP 078833.2</u>

 RefSeq Size:
 5827 bp

 RefSeq ORF:
 1107 bp

 Locus ID:
 79608

 UniProt ID:
 Q7Z5B4

 Cytogenetics:
 11p15.4

Protein Families: Transmembrane

MW: 41.1 kDa

Gene Summary: This gene encodes a member of the resistance to inhibitors of cholinesterase 3-like family

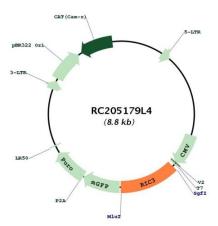
which functions as a chaperone of specific 5-hydroxytryptamine type 3 receptor and nicotinic acetylcholine receptor subtypes. The encoded protein influences the folding and assembly of these receptor subunits in the endoplasmic reticulum and expression on the cell surface. This protein contains an N-terminal transmembrane domain, a proline-rich spacer, and a cytosolic

C-terminal coiled-coil domain. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Oct 2016]



Product images:



Circular map for RC205179L4