

Product datasheet for RC211001L3

OriGene Technologies, Inc.

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Pur B (PURB) (NM_033224) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Pur B (PURB) (NM_033224) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Pur B

Synonyms: PURBETA

Mammalian Cell

Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211001).

Puromycin

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_033224

ORF Size: 936 bp





Pur B (PURB) (NM_033224) Human Tagged Lenti ORF Clone - RC211001L3

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 033224.3</u>

RefSeq Size:9074 bpRefSeq ORF:939 bpLocus ID:5814

UniProt ID: Q96QR8

Cytogenetics: 7p13

Domains: PUR

MW: 33.1 kDa

Gene Summary: This gene product is a sequence-specific, single-stranded DNA-binding protein. It binds

preferentially to the single strand of the purine-rich element termed PUR, which is present at origins of replication and in gene flanking regions in a variety of eukaryotes from yeasts

through humans. Thus, it is implicated in the control of both DNA replication and

transcription. Deletion of this gene has been associated with myelodysplastic syndrome and

acute myelogenous leukemia. [provided by RefSeq, Jul 2008]