

Product datasheet for RR207574L4

Dbp (NM_012543) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Dbp (NM_012543) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Dbp

Synonyms: MGC105474

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(RR207574).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_012543

ORF Size: 975 bp



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Dbp (NM_012543) Rat Tagged Lenti ORF Clone - RR207574L4

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 012543.3</u>, <u>NP 036675.1</u>

 RefSeq Size:
 1660 bp

 RefSeq ORF:
 978 bp

 Locus ID:
 24309

 UniProt ID:
 P16443

 Cytogenetics:
 1q22

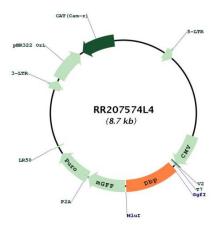
Gene Summary: The protein encoded by this gene is a member of the Par bZIP transcription factor family and

binds to specific sequences in the promoters of several genes, such as albumin, Cyp2a4, and Cyp2a5. The encoded protein can bind DNA as a homo- or heterodimer and is involved in the regulation of some circadian rhythym genes. Three transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Feb 2014]



Product images:



Circular map for RR207574L4