

Product datasheet for **RN214095**

Pvalb (NM_022499) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pvalb (NM_022499) Rat Untagged Clone
Tag: Tag Free
Symbol: Pvalb
Synonyms: PALB1; Pva
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214095 representing NM_022499
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGATGACAGACTTGCTCAGCGCTGAGGACATCAAGAAGGCGATAGGAGCCTTTACTGCTGCAGACT
CCTTCGACCACAAAAAGTTCTTCAGATGGTGGCCTGAAGAAAAAGAGTGCGGATGATGTGAAGAAGGT
GTTCCACATTCTGGACAAAGACAAAAGTGGCTTCATTGAGGAGGATGAGCTGGGGTCCATTCTGAAGGGC
TTCTCCTCAGATGCCAGAGACTTGTCTGCTAAGGAAACAAAGACGCTGATGGCTGCTGGAGACAAGGACG
GGGATGGCAAGATTGGGGTTGAAGAATTCTCCACTCTGGTGGCCGAAAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022499
Insert Size: 333 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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: [NM_022499.2](#), [NP_071944.1](#)

RefSeq Size: 563 bp

RefSeq ORF: 333 bp

Locus ID: 25269

UniProt ID: [P02625](#)

Cytogenetics: 7q34

Gene Summary: binds two calcium ions; may have evolved from an ancestral four domain calcium binding protein [RGD, Feb 2006]