

Product datasheet for MR224695L4V

OriGene Technologies, Inc.

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Polb (NM_011130) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Polb (NM 011130) Mouse Tagged ORF Clone Lentiviral Particle

Symbol: Polb

Synonyms: A430088C08Rik

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_011130 **ORF Size:** 1008 bp

ORF Nucleotide

Cytogenetics:

The ORF insert of this clone is exactly the same as(MR224695).

Sequence:

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.

RefSeg: NM 011130.2, NP 035260.1

8 11.42 cM

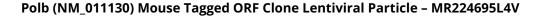
 RefSeq Size:
 1227 bp

 RefSeq ORF:
 1008 bp

 Locus ID:
 18970

 UniProt ID:
 Q8K409







Gene Summary:

Repair polymerase that plays a key role in base-excision repair. Has 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity that removes the 5' sugar phosphate and also acts as a DNA polymerase that adds one nucleotide to the 3' end of the arising single-nucleotide gap. Conducts 'gap-filling' DNA synthesis in a stepwise distributive fashion rather than in a processive fashion as for other DNA polymerases (By similarity).[UniProtKB/Swiss-Prot Function]