

Product datasheet for RC221645L2V

OriGene Technologies, Inc.

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BRN4 (POU3F4) (NM_000307) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: BRN4 (POU3F4) (NM_000307) Human Tagged ORF Clone Lentiviral Particle

Symbol: BRN4

Synonyms: BRAIN-4; BRN-4; BRN4; DFN3; DFNX2; OCT-9; OTF-9; OTF9

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_000307 **ORF Size:** 1083 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC221645).

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.

RefSeq: <u>NM 000307.1</u>

 RefSeq Size:
 1481 bp

 RefSeq ORF:
 1086 bp

 Locus ID:
 5456

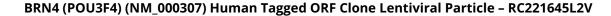
 UniProt ID:
 P49335

 Cytogenetics:
 Xq21.1

Protein Families: Druggable Genome, Transcription Factors

MW: 39.2 kDa







Gene Summary:

This gene encodes a member of the POU-III class of neural transcription factors. This family member plays a role in inner ear development. The protein is thought to be involved in the mediation of epigenetic signals which induce striatal neuron-precursor differentiation. Mutations in this gene are associated with X chromosome-linked nonsyndromic mixed deafness. [provided by RefSeq, Dec 2012]