

Product datasheet for RC209094L3

OriGene Technologies, Inc.

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RBPJK (RBPJ) (NM_203284) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RBPJK (RBPJ) (NM_203284) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: RBPJK

Synonyms: AOS3; CBF-1; CBF1; csl; IGKJRB; IGKJRB1; KBF2; RBP-J; RBP-JK; RBP-J kappa; RBPJK; RBPSUH;

SUH

Mammalian Cell

Selection:

Puromycin

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

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

ORF Nucleotide

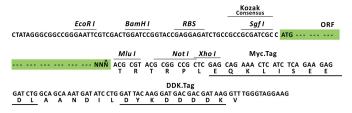
The ORF insert of this clone is exactly the same as(RC209094).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM 203284

ORF Size: 1458 bp





RBPJK (RBPJ) (NM_203284) Human Tagged Lenti ORF Clone - RC209094L3

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 203284.1</u>

RefSeq Size: 6008 bp
RefSeq ORF: 1461 bp
Locus ID: 3516
UniProt ID: Q06330

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Cytogenetics: 4p15.2

Protein Families: Transcription Factors

Protein Pathways: Notch signaling pathway

MW: 54.4 kDa

Gene Summary: The protein encoded by this gene is a transcriptional regulator important in the Notch

signaling pathway. The encoded protein acts as a repressor when not bound to Notch proteins and an activator when bound to Notch proteins. It is thought to function by recruiting chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins to Notch signaling pathway genes. Several transcript variants encoding different isoforms have been found for this gene, and several pseudogenes of this gene exist

on chromosome 9. [provided by RefSeq, Oct 2013]