

Product datasheet for RC216958L3

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OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

JUND (NM_005354) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: JUND (NM 005354) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: JUND

Synonyms: AP-1

Mammalian Cell Puromycin

Selection:

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

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

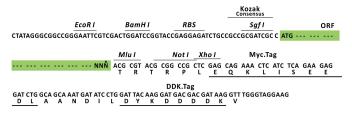
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC216958).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_005354

ORF Size: 1041 bp





JUND (NM_005354) Human Tagged Lenti ORF Clone - RC216958L3

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 005354.2</u>

 RefSeq Size:
 1891 bp

 RefSeq ORF:
 1044 bp

 Locus ID:
 3727

 UniProt ID:
 P17535

Cytogenetics: 19p13.11

Domains:

Protein Families: Druggable Genome, Transcription Factors

BRLZ, Jun

Protein Pathways: MAPK signaling pathway

MW: 35 kDa

Gene Summary: The protein encoded by this intronless gene is a member of the JUN family, and a functional

component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms (PMID:12105216). [provided by

RefSeq, Nov 2013]