

Product datasheet for RC220184L3

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

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

EU: info-de@origene.com CN: techsupport@origene.cn

BTF3 (NM 001037637) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BTF3 (NM_001037637) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: BTF3

Synonyms: BETA-NAC; BTF3a; BTF3b; NACB

Mammalian Cell Puromycin

Selection:

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

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

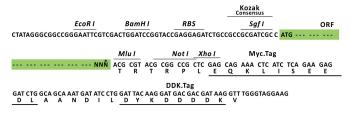
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC220184).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001037637

ORF Size: 618 bp





BTF3 (NM_001037637) Human Tagged Lenti ORF Clone - RC220184L3

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 001037637.1</u>, <u>NP 001032726.1</u>

RefSeq Size: 1262 bp
RefSeq ORF: 621 bp
Locus ID: 689

 UniProt ID:
 P20290

 Cytogenetics:
 5q13.2

Protein Families: Transcription Factors

MW: 22 kDa

Gene Summary: This gene encodes the basic transcription factor 3. This protein forms a stable complex with

RNA polymerase IIB and is required for transcriptional initiation. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene has multiple pseudogenes.

[provided by RefSeq, Jul 2008]