

Product datasheet for RC201137L3

RFX3 (NM_134428) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RFX3 (NM_134428) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: RFX3

Mammalian Cell Puromycin

Selection: Vector:

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

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

ORF Nucleotide

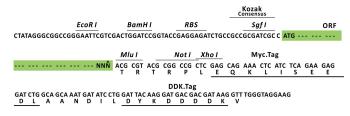
The ORF insert of this clone is exactly the same as(RC201137).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_134428

ORF Size: 2247 bp



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RFX3 (NM_134428) Human Tagged Lenti ORF Clone - RC201137L3

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 134428.1</u>

 RefSeq Size:
 9338 bp

 RefSeq ORF:
 2250 bp

 Locus ID:
 5991

UniProt ID: P48380

Cytogenetics: 9p24.2

Domains: RFX_DNA_binding, RFX1_trans_act

Protein Families: Transcription Factors

MW: 83.5 kDa

Gene Summary: This gene is a member of the regulatory factor X gene family, which encodes transcription

factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X2, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX

family members. Multiple transcript variants encoding different isoforms have been

described for this gene. [provided by RefSeq, Aug 2013]