

Product datasheet for RC203830L4

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OriGene Technologies, Inc.

EIF3D (NM_003753) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: EIF3D (NM_003753) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: EIF3D

Synonyms: eIF3-p66; eIF3-zeta; EIF3S7

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203830).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003753

ORF Size: 1644 bp



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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 003753.3</u>

RefSeq Size: 1949 bp RefSeq ORF: 1647 bp Locus ID: 8664

UniProt ID: <u>O15371</u>
Cytogenetics: 22q12.3

Domains: eIF-3_zeta

MW: 64 kDa

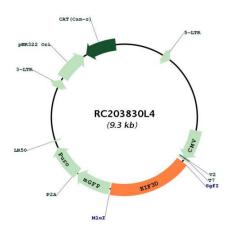
Gene Summary: Eukaryotic translation initiation factor-3 (eIF3), the largest of the eIFs, is a multiprotein

complex composed of at least ten nonidentical subunits. The complex binds to the 40S ribosome and helps maintain the 40S and 60S ribosomal subunits in a dissociated state. It is also thought to play a role in the formation of the 40S initiation complex by interacting with the ternary complex of eIF2/GTP/methionyl-tRNA, and by promoting mRNA binding. The protein encoded by this gene is the major RNA binding subunit of the eIF3 complex. [provided

by RefSeq, Jul 2008]



Product images:



Circular map for RC203830L4