

Product datasheet for RC213792L3

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FOXD4 (NM_207305) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: FOXD4 (NM_207305) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: FOXD4

Synonyms: FKHL9; FOXD4A; FREAC-5; FREAC5

Mammalian Cell Puromycin

Selection:

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

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

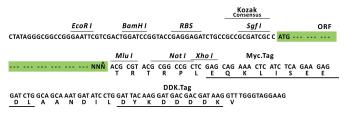
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC213792).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_207305

ORF Size: 1317 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 207305.2</u>

 RefSeq Size:
 2204 bp

 RefSeq ORF:
 1320 bp

 Locus ID:
 2298

UniProt ID: Q12950
Cytogenetics: 9p24.3

Protein Families: Transcription Factors

MW: 47.3 kDa

Gene Summary: This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription

factors. FOX transcription factors play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. Mutations in this gene are associated with a complex phenotype consisting of dilated cardiomyopathy,

obsessive-compulsive disorders, and suicidality. [provided by RefSeq, Mar 2012]