

Product datasheet for RC202344L1

FEZ1 (NM_005103) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: FEZ1 (NM_005103) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: FEZ1

Synonyms: UNC-76

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC202344).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_005103

ORF Size: 1176 bp



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FEZ1 (NM_005103) Human Tagged Lenti ORF Clone - RC202344L1

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 005103.3</u>

 RefSeq Size:
 1781 bp

 RefSeq ORF:
 1179 bp

 Locus ID:
 9638

 UniProt ID:
 Q99689

Cytogenetics: 11q24.2

MW: 45.1 kDa

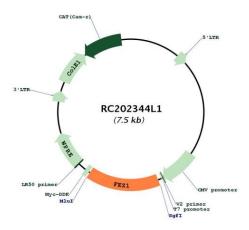
Gene Summary: This gene is an ortholog of the C. elegans unc-76 gene, which is necessary for normal axonal

bundling and elongation within axon bundles. Expression of this gene in C. elegans unc-76 mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein

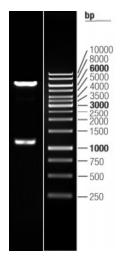
have been described. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC202344L1



Double digestion of RC202344L1 using Sgfl-Mlul