

Product datasheet for MR212262L3

Fign (NM_021716) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Fign (NM_021716) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Fign

Synonyms: fi; fidget

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(MR212262).

Sequence:

icricc.

Sgfl-Mlul

Restriction Sites: Cloning Scheme:





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

ACCN: NM_021716

ORF Size: 2277 bp



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Fign (NM_021716) Mouse Tagged Lenti ORF Clone - MR212262L3

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 021716.5</u>, <u>NP 068362.1</u>

 RefSeq Size:
 9759 bp

 RefSeq ORF:
 2280 bp

 Locus ID:
 60344

 UniProt ID:
 Q9ERZ6

 Cytogenetics:
 2 37.19 cM

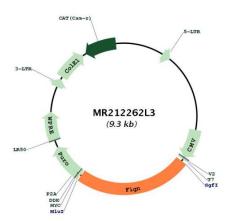
Gene Summary: ATP-dependent microtubule severing protein. Severs microtubules along their length and

depolymerizes their ends, primarily the minus-end, suppressing microtubule growth from and attachment to centrosomes. Microtubule severing may promote rapid reorganization of cellular microtubule arrays and the release of microtubules from the centrosome following nucleation. Microtubule release from the mitotic spindle poles may allow depolymerization of the microtubule end proximal to the spindle pole, leading to poleward microtubule flux and

poleward motion of chromosome (By similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR212262L3