

Product datasheet for **RC212876**

FMNL3 (NM_198900) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FMNL3 (NM_198900) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FMNL3
Synonyms:	FHOD3; FRL2; WBP-3; WBP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC212876 representing NM_198900
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

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Protein Sequence: >RC212876 representing NM_198900
 Red=Cloning site Green=Tags(s)

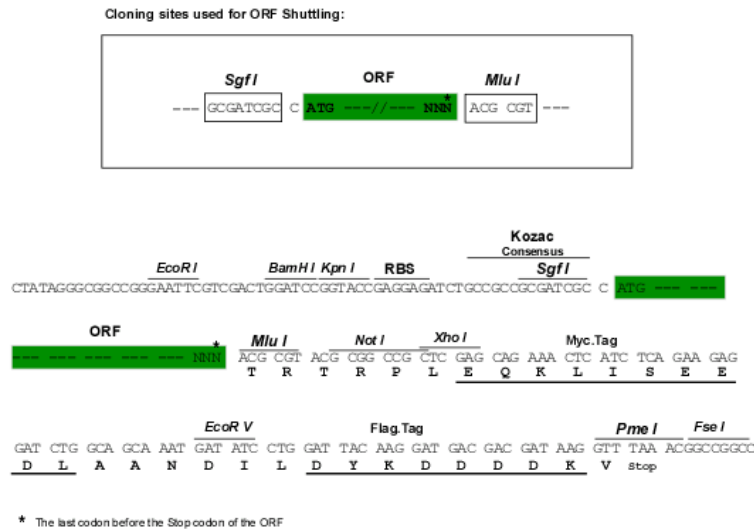
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Chromatograms: https://cdn.origene.com/chromatograms/mk8023_c01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

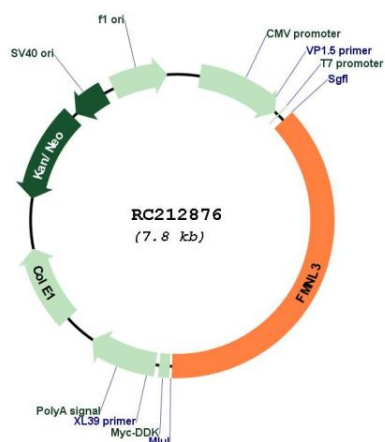


ACCN: NM_198900

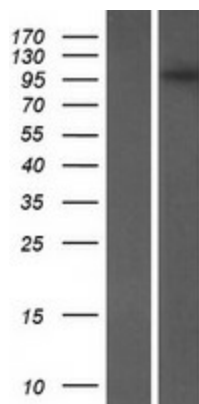
ORF Size: 2928 bp

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_198900.3
RefSeq Size:	11039 bp
RefSeq ORF:	2931 bp
Locus ID:	91010
UniProt ID:	Q8IVF7
Cytogenetics:	12q13.12
MW:	111.1 kDa
Gene Summary:	The protein encoded by this gene contains a formin homology 2 domain and has high sequence identity to the mouse Wbp3 protein. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

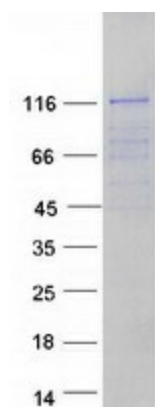
Product images:



Circular map for RC212876



Western blot validation of overexpression lysate (Cat# [LY404774]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212876 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FMNL3 protein (Cat# [TP312876]). The protein was produced from HEK293T cells transfected with FMNL3 cDNA clone (Cat# RC212876) using MegaTran 2.0 (Cat# [TT210002]).