

Product datasheet for MC206183

Fhod1 (BC060654) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fhod1 (BC060654) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fhod1
Synonyms:	FHOS, FHOS1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC060654
 CCCAGCCTGGCCCGCCCTAACAGCAAAGTTTAGTCGAGTTGAAGTTGCAGCATTTCAGGGGACACAAG
 AGCGTCCAGCGTAGCCGGTGGCAGAGCCATGGCGGGCAGGAAGAGCGCGGGATGGGGACCCAGTAT
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CCTTCCTGTCATCTCTATCGCCCTCACTCTCTGGGGTCCCCCTCTCCGCCCCACCTCTCCACCCAT
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CTAATCTAAAAAAAAAAAAAAAAAAAAA
    
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- Restriction Sites:** Ascl-NotI
- ACCN:** BC060654
- Insert Size:** 3594 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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: [BC060654](#), [AAH60654](#)

RefSeq Size: 3947 bp

RefSeq ORF: 3594 bp

Locus ID: 234686

Cytogenetics: 8 D3

Gene Summary: Required for the assembly of F-actin structures, such as stress fibers. Depends on the Rho-ROCK cascade for its activity. Contributes to the coordination of microtubules with actin fibers and plays a role in cell elongation. Acts synergistically with ROCK1 to promote SRC-dependent non-apoptotic plasma membrane blebbing (By similarity).[UniProtKB/Swiss-Prot Function]