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Product datasheet for RG213117

FHIP1B (NM_001098794) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FHIP1B (NM_001098794) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FHIP1B
Synonyms:	C11orf56; FAM160A2; FHIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

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ORF Nucleotide Sequence:

>RG213117 representing NM_001098794
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAGGATGAATTGGCTGAGCAGACTGGCCTCCCGGGGCCCTGGGCACCGTATACCTCAAGGGGCCA
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GGAAGGATCTGGCCCTCTCATCTCAGGCTGTGGGCCCCTCAATCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG213117 representing NM_001098794
Red=Cloning site Green=Tags(s)

MERMNWLSRLASRGPGHRIPQGANLQTPVMADPETCLMVFKNHWSQVVRILERQGPRAAPGGADDLSAVR
NHTYQMLTLLAEDRAVPSAPTGPGPLLEFALHEDLLTRVLTWQLQWDELGDGVEERRAEQLKLFEMLVSE
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LLFSRLVPFVHREGTLGQQARDALLLLMALSAGSPTVGRYIADHSYFCPVLATGLSALYSSLPRKIEVPG
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GVDRCVRACRTWSAPYDGERPSPEPSPFGSRTKKRSLLPEEDRNNVGEGEEEELGRRGRAGGAGEGPGHL
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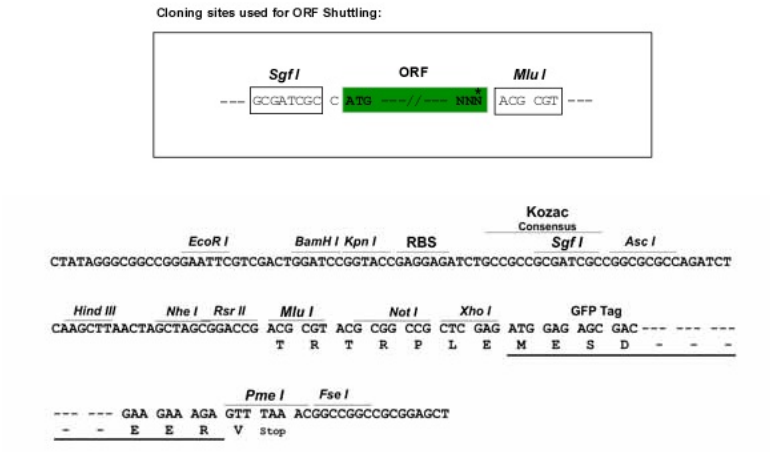
AAGPAPRRSDPLVKSRRPSLGELLLRHAHSPTRARQAAQLVLQPGRDGAGLGLSGGSPGASTPVLLTRGG
APERQGEALRVKNAVYCAVIFPEFLKELAAISQAHAVTSPFLLETSEEGSGPLISGCGPLNP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

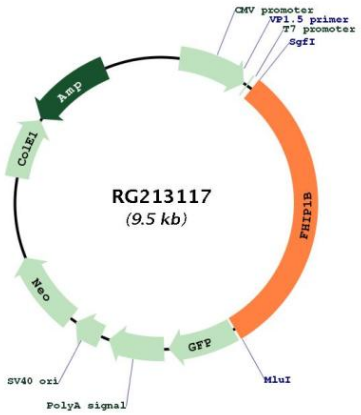


ACCN: NM_001098794

ORF Size: 2916 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.
RefSeq:	NM_001098794.2
RefSeq Size:	3465 bp
RefSeq ORF:	2919 bp
Locus ID:	84067
UniProt ID:	Q8N612
Cytogenetics:	11p15.4
Gene Summary:	The protein encoded by this gene is part of the FTS/Hook/FHIP (FHF) complex, which can interact with members of the homotypic vesicular protein sorting (HOPS) complex. This interaction suggests that the encoded protein is involved in vesicle trafficking. [provided by RefSeq, Dec 2016]

Product images:



Circular map for RG213117