

Product datasheet for **RR216232**

Fhl1 (NM_001271199) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fhl1 (NM_001271199) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fhl1
Synonyms: SLIM1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216232 representing NM_001271199
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTGAGAAGTTCGACTGTCACTACTGCAGGGACCCCTTGCAGGGGAAGAAGTATGTGCAGAAGGATG
GCCGTCCTGCTGCTGAAGTGTCTTGACAAGTCTGCGCCAACACCTGCGTGGAATGCCGAAGCCCAT
AAGCGCTGATGCTAAGGAGGTGCACTATAAGAATCGCTACTGGCAGCACACCTGCTTCCGCTGTGCCAAG
TGCCCTCACCCCTTGCCAGTGAGACCTTTGTGTCCAAGGATGGCAAGATCCTGTGCAACAAGTGCGCCA
CTCGGGAGGACTCCCCAGGTGCAAAGGGTGCTTCAAGGCCATTGTGGCAGGAGACCAGAATGTGGAGTA
CAAGGGCACCATCTGGCATAAAGACTGCTTACCTGCAGCAACTGCAAGCAAGTCATTGGGACCGGAAGC
TTCTTCCCGAAAGGGGAGGACTTCTACTGTGTGACTTGCCATGAGACCAAGTTTGCCAAGCATTGCGTGA
AATGCAACAAGGCCATCACATCTGGAGGAATCACTTACCAGGATCAGCCCTGGCATGCCGAGTGTCTTGT
GTGTGTTACCTGCTCTAAGAAGCTGGCGGGCAGCGTTTACCCTGTGGAGGACCAGTATTACTGCGTG
GATTGCTACAAGAACTTTGTGGCCAAGAAGTGTGCTGGATGCAAGAACCCCATCACTGGGTTTGGTAAAG
GCTCCAGTGTGGTGGCCATGAAGGACAATCCTGGCAGCACTACTGCTTCCACTGCAAAAAATGCTCCGT
GAATCTGGCCAACAAGCGCTTTGTCTTTCATAATGAGCAGGTGTATTGTCTGACTGTGCCAAAAAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216232 representing NM_001271199
Red=Cloning site Green=Tags(s)

MSEKFDCHYCRDPLQGKKYVQKDRHCCLKCFDKFCANTCVECCKPISADAKEVHYKNRYWHDTCFRCAK
 CLHPLASETFVSKDGKILCNKCATREDSRCKGCFKAIVAGDQNVYKGTIWHKDCFTCSNCKQVIGTGS
 FFPKGEDFYCVTCHETKFAKHCVKCNKAITSGGITYQDQPWHAECFVVCVTCSSKLAGQRFTAVEDQYYCV
 DCYKNFVAKKACGCKNPITGFGKSSVAYEGQSWHDYCFHCKKCSVNLANKRFVFNHNEQVYCPDCAKKL

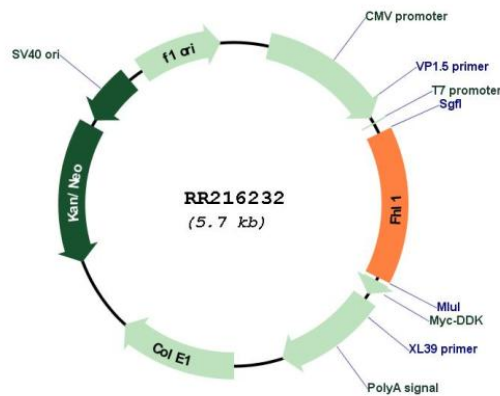
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001271199
ORF Size: 840 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:	<ol style="list-style-type: none"> 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_001271199.1 , NP_001258128.1
RefSeq Size:	2325 bp
RefSeq ORF:	843 bp
Locus ID:	25177
UniProt ID:	Q9WUH4
Cytogenetics:	Xq37
MW:	31.9 kDa
Gene Summary:	contains a zinc binding domain; expressed in skeletal muscle [RGD, Feb 2006]