

Product datasheet for **RN216232**

Fhl1 (NM_001271199) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fhl1 (NM_001271199) Rat Untagged Clone
Tag: Tag Free
Symbol: Fhl1
Synonyms: SLIM1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216232 representing NM_001271199
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTGAGAAGTTCGACTGTCACTACTGCAGGGACCCCTTGCAGGGGAAGAAGTATGTGCAGAAGGATG
GCCGTCCTGCTGCTGAAGTGTCTTACCAAGTCTGCGCCAACACCTGCGTGAATGCCGAAGCCCAT
AAGCGCTGATGCTAAGGAGGTGCACTATAAGAATCGCTACTGGCAGCACCTGCTTCCGCTGTGCCAAG
TGCCCTCACCCCTTGCCAGTGAGACCTTTGTGTCCAAGGATGGCAAGATCCTGTGCAACAAGTGGCCCA
CTCGGGAGGACTCCCCAGGTGCAAAGGGTGTCTCAAGGCCATTGTGGCAGGAGACCAGAATGTGGAGTA
CAAGGGCACCATCTGGCATAAAGACTGTTCACCTGCAGCAACTGCAAGCAAGTCATTGGGACCGGAAGC
TTCTTCCCGAAAGGGGAGGACTTCTACTGTGTGACTTGCCATGAGACCAAGTTTGGCAAGCATTGCGTGA
AATGCAACAAGGCCATCACATCTGGAGGAATCACTTACCAGGATCAGCCCTGGCATGCCGAGTGTCTTGT
GTGTGTTACCTGCTCTAAGAAGCTGGCGGGCAGCGTTTCACCGCTGTGGAGGACCAGTATTACTGCGTG
GATTGCTACAAGAAGTGTGGCCAAGAAGTGTGCTGGATGCAAGAACCCCATCACTGGGTTTGGTAAAG
GCTCCAGTGTGGTGGCCATGAAGGACAATCCTGGCAGCACTACTGCTTCCACTGCAAAAAATGCTCCGT
GAATCTGGCCAACAAGCGCTTTGTCTTTCATAATGAGCAGGTGTATTGTCTGACTGTGCCAAAAAGCTG
TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271199
Insert Size: 843 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001271199.1</u> , <u>NP_001258128.1</u>
RefSeq Size:	2325 bp
RefSeq ORF:	843 bp
Locus ID:	25177
UniProt ID:	<u>Q9WUH4</u>
Cytogenetics:	Xq37
Gene Summary:	contains a zinc binding domain; expressed in skeletal muscle [RGD, Feb 2006] Transcript Variant: This variant (3) contains 2 alternate exons at the 5' end compared to variant 1, which results in translation initiation from an in-frame downstream AUG and an isoform (3) with a shorter N-terminus compared to isoform 1. Variants 3 and 4 encode the same isoform.