

Product datasheet for **RN216004**

Fhl1 (NM_001271201) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fhl1 (NM_001271201) 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: >RN216004 representing NM_001271201
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGAGAAGTTCGACTGTCCTACTGCAGGGACCCCTGCAGGGGAAGAAGTATGTGCAGAAGGATG
GCCGTCCTGCTGCTGAAGTGTCTTACAAGTCTGCGCCAACACCTGCGTGAATGCCGAAGCCCAT
AAGCGCTGATGCTAAGGAGGTGCACTATAAGAATCGCTACTGGCAGCACCTGCTCCGCTGTGCCAAG
TGCTTACCCCTTGCCAGTGAGACCTTTGTGTCCAAGGATGGCAAGATCCTGTGCAACAAGTGCGCCA
CTCGGGAGGACTCCCCAGGTGCAAAGGGTGCTTCAAGGCCATTGTGGCAGGAGACCAGAATGTGGAGTA
CAAGGGCACCATCTGGCATAAAGACTGTCTCACCTGCAGCAACTGCAAGCAAGTCATTGGGACCGGAAGC
TTCTTCCCGAAAGGGGAGGACTTCTACTGTGTGACTTGCCATGAGACCAAGTTTGCCAAGCATTGCGTGA
AATGCAACAAGGGTTTGGTAAAGGCTCCAGTGTGGTGGCCTATGAAGGACAATCCTGGCAGGACTACTGC
TCCACTGCAAAAAATGCTCCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271201
Insert Size: 585 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).



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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_001271201.1</u> , <u>NP_001258130.1</u>
RefSeq Size:	2079 bp
RefSeq ORF:	585 bp
Locus ID:	25177
Cytogenetics:	Xq37
Gene Summary:	contains a zinc binding domain; expressed in skeletal muscle [RGD, Feb 2006] Transcript Variant: This variant (5) contains an alternate exon at the 5' end and lacks an exon in the 3' coding region compared to variant 1, which results in an isoform (4) with a shorter N-terminus and a distinct C-terminus compared to isoform 1.