

## Product datasheet for **RN216233**

### **Fhl1 (NM\_001271200) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fhl1 (NM\_001271200) 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:** >RN216233 representing NM\_001271200  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTGAGAAGTTCGACTGTCCTACTGCAGGGACCCCTGCAGGGGAAGAAGTATGTGCAGAAGGATG  
GCCGTCCTGCTGCTGAAGTCTTTGACAAGTCTGCGCCAACACCTGCGTGAATGCCGAAGCCCAT  
AAGCGCTGATGCTAAGGAGGTGCACTATAAGAATCGCTACTGGCAGCACCTGCTTCCGCTGTGCCAAG  
TGCCCTCACCCCTTGCCAGTGAGACCTTTGTGTCCAAGGATGGCAAGATCCTGTGCAACAAGTGGCCCA  
CTCGGGAGGACTCCCCAGGTGCAAAGGGTCTTCAAGGCCATTGTGGCAGGAGACCAGAATGTGGAGTA  
CAAGGGCACCATCTGGCATAAAGACTGCTTACCTGCAGCAACTGCAAGCAAGTCATTGGGACCGGAAGC  
TTCTTCCCGAAAGGGGAGGACTTCTACTGTGTGACTTGCCATGAGACCAAGTTTGCCAAGCATTGCGTGA  
AATGCAACAAGGCCATCACATCTGGAGGAATCACTTACCAGGATCAGCCCTGGCATGCCGAGTCTTTGT  
GTGTGTTACCTGCTCTAAGAAGCTGGCGGGCAGCGTTTCACCGCTGTGGAGGACCAGTATTACTGCGTG  
GATTGCTACAAGAAGTTGTGGCCAAGAAGTGTGCTGGATGCAAGAACCCCATCACTGGGTTTGGTAAAG  
GCTCCAGTGTGGTGGCCATGAAGGACAATCCTGGCAGCACTGCTTCCACTGCAAAAAATGCTCCGT  
GAATCTGGCCAACAAGCGCTTTGTCTTTTCATAATGAGCAGGTGTATTGTCTGACTGTGCCAAAAAGCTG  
TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271200  
**Insert Size:** 843 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001271200.1</a></u> , <u><a href="#">NP_001258129.1</a></u>
<b>RefSeq Size:</b>	2266 bp
<b>RefSeq ORF:</b>	843 bp
<b>Locus ID:</b>	25177
<b>UniProt ID:</b>	<u><a href="#">Q9WUH4</a></u>
<b>Cytogenetics:</b>	Xq37
<b>Gene Summary:</b>	contains a zinc binding domain; expressed in skeletal muscle [RGD, Feb 2006] Transcript Variant: This variant (4) contains an alternate exon 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.