

## Product datasheet for **SC214109**

### **FHL1 (NM\_001449) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	FHL1 (NM_001449) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FHL1
Synonyms:	FCMSU; FHL-1; FHL1A; FHL1B; FLH1A; KYOT; RBMX1A; RBMX1B; SLIM; SLIM-1; SLIM1; SLIMMER; XMPMA
ACCN:	NM_001449
Insert Size:	1359 bp



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**Insert Sequence:** >SC214109 3'UTR clone of NM\_001449  
 The sequence shown below is from the reference sequence of NM\_001449. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATTGTCCCGACTGTGCCAAAAAGCTGTAAACTGACAGGGCTCCTGTCCTGTA AAAATGGCATTGTAAT
CTCGTTCTTTGTGTCTTACTTTCTGCCCTATACCATCAATAGGGGAAGAGTGGTCTTCCCTTCTTTA
AAGTTCTCCTTCCGTCTTTTCTCCATTTTACAGTATTACTCAAATAAGGGCACACAGTGATCATATTA
GCATTTAGCAAAAAGCAACCCTGCAGCAAAGTGAATTTCTGTCCGGCTGCAATTTAAAAATGAAAACCT
AGGTAGATTGACTCTTCTGCATGTTTCTCATAGAGCAGAAAAGTCTAATCATTAGCCACTTAGTGAT
GTAAGCAAGAAGCATAGGAGATAAAACCCCACTGAGATGCCTCTCATGCCTCAGCTGGGACCCACCGT
GTAGACACACGACATGCAAGAGTTGCAGCGGCTGCTCCAACCTACTGCTCACCTCTTCTGTGAGCAGG
AAAAGAACCCTACTGACATGCATGGTTAACTTCTCATCAGAACTCTGCCCTTCTTCTGTTCTTTTG
TGCTTTCAAATAACTAACACGAACCTCCAGAAAATTAACATTTGAACTTAGCTGTAATTCTAAACTGAC
CTTTCCCGTACTAACGTTTGGTTTCCCGTGTGGCATGTTTTCTGAGCGTTCCTACTTTAAAGCATGG
AACATGCAGGTGATTTGGGAAGTGTAGAAAACCTGAGAAAACGAGCCTGTTTCAGAGGAACATCGTCA
CAACGAATACTTCTGGAAGCTTAACAAAACCTGCTGTCCTTTTTATTGTTTTTAATTAATATTT
TTGTTTTAATTGATAGCAAAATAGTTTATGGGTTTGGAACTTGCATGAAAATATTTAGCCCCCTCAG
ATGTTCTGCAGTGTGAAATTCATCCTACGGAAGTAACCGAAAACCTAGAGGGGGAGTTGAGCAGG
CGCCAGGGCTGTATCAACATGGATATGACATTTACAAACAGTGACTAGTTGAATCCCTTGTAAACGTAG
TAGTTGTCTGCTCTTTGTCCATGTGTTAATGAGGACTGCAAAGTCCCTTCTGTTGTGATTCCCTAGGACT
TTTCTCAAGAGGAAATCTGGATTTCCACCTACCGCTTACCTGAAATGCAGGATCACCTACTTACTGTA
TTCTACATTATTATGACATAGTATAATGAGACAATATCAAAGTAAACATGTAATGACAATACATAC
TAACATTCTTGTAGGAGTGGTTAGAGAAGCTGATGCCTCATTTCTACATTCTGTCATTAGCTATTATCA
TCTAACGTTTCAGTGTATCCTTACAGAAAATAAGCAGCATATGAATAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001449.5](#)

**Summary:** This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.[provided by RefSeq, Nov 2009]

**Locus ID:** 2273

MW: 51.7