

Product datasheet for SC116527

LHFPL6 (NM_005780) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LHFPL6 (NM_005780) Human Untagged Clone
Tag:	Tag Free
Symbol:	LHFPL6
Synonyms:	LHFP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116527 sequence for NM_005780 edited (data generated by NextGen Sequencing)

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ATGGCATCCAGCCTGACTTGTACTGGAGTAATCTGGGCTTTGCTGCTTTTCTTTGTGCT
GCCACCTCCTGCGTGGGGTTCTTTATGCCTTACTGGCTCTGGGGATCACAGCTGGGCAAG
CCTGTGTCCTTCCGTACCTTCCGGAGGTGCTCATATCCTGTGCATGATGAGAGTCGGCAG
ATGATGGTGATGGTGGAGGAATGTGGGCGCTATGCCTCCTTCCAGGGCATCCCCAGCGCA
GAATGGAGGATCTGCACCATAGTGACCGGCCTGGGTTGTGGCCTCCTCCTCCTGGTGGCG
CTCACTGCCCTCATGGGTTGCTGTGTTCCGACCTCATCTCCAGGACAGTGGGAAGAGTG
GCTGGAGGAATTCAGTTTCTTGGGGCTTGTGATTGGTGTGGCTGTGCCCTTACCCC
TTGGGCTGGGACAGTGAGGAAGTCCGGCAGACTTGTGGCTACACTTCTGGCCAGTTTGAC
CTGGGGAAGTGTGAAATCGGCTGGGCTACTACTGCACGGGAGCAGGTGCCACTGCCGCC
ATGCTGCTGTGCACGTGGCTGGCTTGCTTTTCCGGCAAGAAACAGAAGCACTACCCATAC
TGA

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Clone variation with respect to NM_005780.2



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5' Read Nucleotide Sequence: >OriGene 5' read for NM_005780 unedited
 NCGGACACGCCAATTCGGCACGAGGGGACCATCATCTTTAGTGCAGAGGATGAAAGTTG
 ATGCCAGTAAGACTGAAGATCCATTCTGCATTACGGAACGTGGATTATCTGTGGGTCC
 CTGGTGATTTACACCTTCATTCACCTCCTGCAGTCCCTGAACACTTACTTGGGGTCTCA
 TTGCCCTATCTGGTGAAGATGGCATCCAGCCTGACTTGTACTGGAGTAATCTGGGCTTT
 GCTGTCTTTTCTTTGTGCTGCCACCTCCTGCGTGGGTTCTTTATGCCTTACTGGCTCTG
 GGGATCACAGCTGGCAAGCCTGTGCTCCTTCGGTACCTTCCGGAGGTGCTCATATCCTGT
 GCATGATGAGAGTCGGCAGATGATGGTGATGGTGGAGGAATGTGGGCGCTATGCCTCCTT
 CCAAGGCATCCCCAGCGAGAATGGAGGATCTGCACCATAGTGACCGGCCTGGTGTGG
 CCTCCTCCTCCTGGTGGCGCTCACTGCCCTCATGGGTTGCTGTGTTCCGACCTCATCTC
 CAGGACAGTGGGAAGAGTGGCTGGAGGAATTCAGTTTCTTGGGGCTTGTGATTGGTGC
 TGGCTGTGCCCTTACCCTTGGCTGGGACAGTGAAGAGTCCGGCAGACTTGTGGCTA
 CACTTCTGGCCAGTTGACCTGNGGAAGTGTGAAATCGGCTGGGCCTACTACTGCACGGG
 AGCAGGTGCCACTGCCGCATGTGCTGTGCACGTGGCTGGCTTGTCTTTTCGGGCAAGAA
 ACAGAAGCACTACCCATACTGAGATGGAGCTACCAAGACAGACAAGAGGAGAAGAGGGCC
 ANAGGGCTTGGAN

3' Read Nucleotide Sequence: >OriGene 3' read for NM_005780 unedited
 TTCCCCCNCNTCCCCCNCNCCCTCCCCGTTTTTCTTTACTTTGCTACGCGCGCCGCCA
 TCTAGGACCGAGCCCTTTTTTTTTTTTTTTTTTTTTTTTTATCGATCAAAGATAAATTTA
 TTCACAGAGATTTCAAATACAAACAAAATAGCACTTTTAAATTTTTTACAAAATGAATA
 TAGAAATAAATGTGGTACAGCACAGTACAATAATGGACAAAAGAAAACACGATCCAATGA
 CTGGAAAACGTCTCTCATTACTCTCATATCTTCGGCTGAATTCTCTCCTATAGTGGACAG
 AAAGTTGCCCTTTTCTCATAAGAATATCATAGCAGAAGCTACTCAGAGAAATATTGCA
 TATTGTGGAATAACATGGAAATACAAAGGCTTAACTCTAAAGGTCTGCATAAACACTGAA
 AATATGTTGAGGAACTAAATTAGAGTTTATGCAGGATATACAAAATACTGATAGTTTGGC
 TTATTGGCCATTTATTAGGCTTAATGTATGTTTTATAAAGTGATAATACTGTATTTTAA
 ACGCATATTA AAAAGAAAACAGAGGAGAAATGCACCCACTAAACCTCCCCAGTCTGTGCG
 ATAATCCACCGTTTGTGCATAGGCCGTGCGTGGCGATGCATATGCACGCATGTGCTTGTG
 TGCTTTTGGGAGTGCCCTGACCTACAGGGAACATCTTTTGGGGGCACCCATTGCTTCCCA
 ACATAACACTGCTTTCTACTAACCCCTTTGAATTTTCTGACCCCCACCTTAAACA AAAA
 AACCCAAACCCCAAACCCCTCGTTCGCCTCATGAAAACCTTCCCGCCCCCTTTCCCTT
 CCGCTTCCCTTTTCTACACCCTCCCCTTTTACCACCTATTCAATCCCCACCCCTATC
 CCCCCCATACTCCTCTACTTCCCCCTCCTCATACCCCAATTTAATCTAA

Restriction Sites: NotI-NotI

ACCN: NM_005780

Insert Size: 1920 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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:

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_005780.1](#), [NP_005771.1](#)

RefSeq Size: 2012 bp

RefSeq ORF: 603 bp

Locus ID: 10186

UniProt ID: [Q9Y693](#)

Cytogenetics: 13q13.3-q14.11

Protein Families: Transmembrane

Gene Summary: This gene is a member of the lipoma HMGIC fusion partner (LHFP) gene family, which is a subset of the superfamily of tetraspan transmembrane protein encoding genes. This gene is fused to a high-mobility group gene in a translocation-associated lipoma. Mutations in another LHFP-like gene result in deafness in humans and mice. Alternatively spliced transcript variants have been found; however, their full-length nature is not known. [provided by RefSeq, Jul 2008]