

Product datasheet for SC307846

LHFPL3 (NM_199000) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LHFPL3 (NM_199000) Human Untagged Clone
Tag:	Tag Free
Symbol:	LHFPL3
Synonyms:	LHFPL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307846 representing NM_199000. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGCCCGAGCGCCGCGCTGCCGCGCGCCGCGCGATGCTCCCGGCTCAGGAGGCTGCCAAG
 CTGTACCACACCAACTATGTGCGGAACGCGGGCCATCGGCGTGCTGTGGGCCATCTTCACCATCTGC
 TTTGCCATCGTCAACGTGGTGTGCTTCATCCAGCCCTACTGGATAGGCGACGGCTGGACACCCCGCAA
 GCCGGCTATTTTCGGGCTCTTCCACTACTGCATCGGCAACGGCTTCTCCCGGAGCTGACCTGCAGGGGC
 AGCTTCACGGACTTCTCCAGCTGCCCTCGGGCGCCTTCAAAGCCGCCTCCTTCTTATCGGCCTCTCC
 ATGATGCTCATCATTGCCTGCATCATTTGCTTTACCCTCTTCTTCTGCAACACGGCCACTGTGTAC
 AAGATATGTGCCTGGATGCAGCTCACCTCCGCTGCCTTGCTTGCTGTATGATTTTCCCTGAT
 GGCTGGGACTCAGATGAAGTAAACGGATGTGTGGAGAAAAGACAGACAAGTACACTCTTGGGGCTTGC
 TCAGTCCGCTGGGCATACATCCTGGCTATTATTGGAATTTGGATGCCCTGATCCTCTCATTTCTAGCA
 TTTGTGCTTGGTAATCGACAAGACAGCTTGATGGCAGAGGAAGTGAAGGCAGAAAACAAAGTTCTGCTA
 AGCCAATATTCTCTAGAA TGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_199000
Insert Size:	711 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_199000.2</u>
RefSeq Size:	3191 bp
RefSeq ORF:	711 bp
Locus ID:	375612
UniProt ID:	<u>Q86UP9</u>
Cytogenetics:	7q22.2-q22.3
Protein Families:	Transmembrane
MW:	25.8 kDa
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. Mutations in one LHFP-like gene result in deafness in humans and mice, and a second LHFP-like gene is fused to a high-mobility group gene in a translocation-associated lipoma. A partial gene fragment named LHFPL4 corresponds to a portion of the first exon of this gene. [provided by RefSeq, Jul 2008]