

Product datasheet for **SC108354**

LLPH (NM_032338) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LLPH (NM_032338) Human Untagged Clone
Tag:	Tag Free
Symbol:	LLPH
Synonyms:	C12orf31; hLLP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108354 sequence for NM_032338 edited (data generated by NextGen Sequencing) <pre> ATGGCTAAAAGCTTACGGAGTAAGTGGAAAAGAAAGATGCGTGCTGAAAAGAGAAAAAG AATGCCCCAAAGGAGGCCAGCAGGCTTAAAAGTATTCTCAAAGTAGACGGTGATGTTTTA ATGAAAGATGTTCAAGAGATAGCAACTGTGGTGGTACCCAAACCAACATTGCCAAGAG AAAATGCAATGTGAGGTAAAAGATGAAAAAGATGACATGAAAATGGAGACTGATATTAAG AGAAACAAAAAGACTCTTCTAGACCAGCATGGACAGTACCCAATATGGATGAACCAAAGG CAAAGAAAAAGGCTGAAGGCAAAGCGAGAGAAAAGAAAGGGGAAAAGCAAAGCAAAGCA GTGAAAGTGGCAAAGGGTTTGGCCTGGTAG </pre> Clone variation with respect to NM_032338.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032338 unedited
 GAATTTGTATACTACTATATGGGCGGCCGCAATTCGCACGAGGTCGGCGTGAGCGTGAG
 GTGTGGGTGTTTCGTTTCTCAGTAAACATGGCTAAAAGCTTACGGAGTAAGTGAAAAAGA
 AAGATGCCTGCTGAAAAGAGCAAAAAGAATGCCCCAAAGGAGGCCAGCAGGCTTAAAAG
 TATTCTCAAACTAGACGGAGATGTTTTAATGAAAGATGTTCAAGAGATAGCAACTGCGGT
 GGTACCCAAACCCAAACATTGCCAAGAGAAAATGCAATGTGAGGTAAAAGATGAAAAAGA
 TGACATGAAAATGGACACTGATCTTAAGAGAAACAAAAGACTCTCTAGACCAGCATGG
 ACAGTACCCATTATGGATGAACCAAAAGGCAAGAAAAAGGCTGAAGGCACAGCGAGAGAA
 AAGAAAGGGGAAAAGCATAGCATAACGCATGTGAAAGTGGCAAAGGGTTTGGCCTGCGAG
 ACTCTTAAACCTTGAAAAATGCCACATGGGATAGATGACGGATTAGAATGTATACACGC
 GTATACTTTGATTTCACTGCCACCAATGAAAACCATCCGTTTTCTATCTTAACTCGC
 CCTTTTCTCTCAATCTAGACCCAGTATAACTCCTCAAGTTGATTGCGGAACCTCGAATA
 AAATATTCGCTTTGATACAAAATAGCACAAAAAACTACACTCCTCTATCGGGGCCGCG
 GTCATAGCCCGGTCTGAACCGCCCCCGGTGGTGTCTCCGACCCCTCCCAATGCCTC
 TCCCGGCCCTGGAAGTCGCACCCAGTGCCACAGGCTTGGCTACGAAAGTTAAGTGCCT
 TATTTGGCTGACAGGGGCTTGCTCTTATTTGGGCGCGGTGGTGCCATCCCCACCCAC
 GAAGGGCGACCTCGCGGTCTCCGGCTATTGGGTACGTGTCTTTTATATTATACCCC
 GCCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032338 unedited
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGTATCAAAGAAAAATT
 TTATTCAAGTTCCCAAAACAACTTGAGGAGTTATGCTGGGTTTGAATTGAAGAAAAAG
 GCCAAGTTAAAAATAGGAAAAACAAATGGTTTTTCATTTGGTGGCAGTTGAAATCAAAGTATA
 CATGTGTATACATTCTAATCCGTCATCTATCCCATGTGGCATTTCCTCAAGTTTTAAGAG
 TCTACCAGGCCAAACCTTTGCCACTTTCACTGCTTTTGCTTTGCTTTTCCCTTTCTTT
 TCTCTCGCTTTGCCTTCAGCCTTTTCTTTGCCTTTGGTTCATCCATATTGGGTACTGTC
 CATGCTGGTCTAGAAGAGTCTTTTTGTTCTCTTAATACAGTCTCCATTTTCATGTCAT
 CTTTTTCATCTTTTACCTCACATTGCATTTTCTTTGGCAATGTTTGGGTTTGGGTACCA
 CCACAGTTGCTATCTCTGAACATCTTTTATTAAACATCACCGTCTAGTTTGAGAATAC
 TTTTAAGCCTGCTGGCTCTTTTGGGGCATTCTTTTTCTTTTTTCTTTTCTTTTCTTTT
 TTTTCCACTTACTCCGTAAGCTTTTAGCCATGTTTTACCTGAGAAACGAACACCCACACC
 TTACGCTCACGCCGACCTTTGTGCCGAATTCGCGGCCGCCCTATAGTGAGTCGTATTACA
 AAATTCGACGGGTCACTAAACGAGCTCTGCTTATATAGACCTNCCACCGTACACGCCTA
 CCGNCCATTTGCGTNAACGGNGCGGGTTATTACGACATTTTGAAAGTCCCGTTGATTT
 TGGTGCCCAACAACTCCCATGACGTCATGGGGTGGAGACTTGAATTTCCCGTGAGT
 CAAACGCTNTNACGCCCATTTGGGACTGTCAAACCGCTCACCATGTATAGCGAGACTAT
 ACGTANAGTCTTGCAGTAAGAAGTCCCTTAGGCATGACTGGCATATGCACNCGCCCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_032338

Insert Size:

620 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).

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:	<u>NM_032338.2, NP_115714.1</u>
RefSeq Size:	1230 bp
RefSeq ORF:	390 bp
Locus ID:	84298
UniProt ID:	<u>Q9BRT6</u>
Cytogenetics:	12q14.3
Gene Summary:	In hippocampal neurons, regulates dendritic and spine growth and synaptic transmission. [UniProtKB/Swiss-Prot Function]