

Product datasheet for MC211738

Lhpp (NM_029609) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lhpp (NM_029609) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lhpp
Synonyms:	2310007H09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211738 representing NM_029609 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGCATGGGCTGAGCGGCTGACGGGCGTGCAGGGAGTGCTGCTTGACATCTCCGGGTGCTATGTG
ATAGCAGCGCAAGCGGTGCAACCGCTATCGCAGGCTCTGTGGAGGCAGTGGCGAGACTGAAACAGTCCCC
GCTGAAAGTGAGGTTCTGTACCAATGAGTCCCAGAAATCCCTGAGAGAGCTGGTGGGGTGCTTCAGCAG
CTGGGGTTTGACATCTCAGAAGAAGAGGTGACTGCCCCGCACCAGCCACCTGCCAGATCCTGAAGGAGC
GAGGCCTGCGGCCACACTTGCTTATCCATGAAGGAGTCCGCTCAGAATTTGATGACATCGATATGTCCAA
CCCAAAGTGTGGTATTGCGGATGCTGGGAGGCCTTTTCTATCAGAACATGAACAGAGCCTTCCAG
GTGCTAATGGAGCTGGAAAACCCGTGCTCATATCCCTGGGAAAAGGACGCTATTACAAGGAGACCTCTG
GCCTGATGCTGGACGTTGGAGGTTACATGAAGGCGCTCGAGTATGCCTGTGGTATCAAGGCTGAAGTGGT
GGGGAACCCCTCCCCTGAGTTCTTCAAGTCTGCTCTACAAGCCATAGGGGTGGAAGCCCACCAGGCCATC
ATGATTGGCGATGACATCGTGGGTGACGTTGGCGGTGCCAGCAGTGTGGAATGAGAGCTCTGCAGGTGC
GGACCGGGAAGTTCAGGCCTGGTATGAGCATCATCCAGAAGTACAGGCAGATGGGTACGTGGACAACCT
TGCGGAGGCTGTGGATCTGCTGCTGAAGTACACGGACAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_029609
Insert Size:	813 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).
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:	NM_029609.1 , NP_083885.1
RefSeq Size:	1607 bp
RefSeq ORF:	813 bp
Locus ID:	76429
UniProt ID:	Q9D7I5
Cytogenetics:	7 F3
Gene Summary:	Phosphatase that hydrolyzes imidodiphosphate, 3-phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency (By similarity).[UniProtKB/Swiss-Prot Function]