

Product datasheet for **RN203755**

Lhpp (NM_001009706) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lhpp (NM_001009706) Rat Untagged Clone
Tag: Tag Free
Symbol: Lhpp
Synonyms: MGC95092
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203755 representing NM_001009706
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCGCGTGGGCTGAGCGGCTGTCGGGCGTACGGGGGTGCTGCTTGATATCTCCGGCGTGTGTATG
ACAGCGGCACAGGCGCGGAGCTGCTATTGCAGGCTCTGTGGAGGCGGTGGCGAGACTGAAACGGTCCCC
GCTGAAAGTGAGATTCTGCACCAATGAGTCCCAGAAGTCCCGCGAGAGCTGGTGGGGTGTCTCAGCGG
CTGGGGTTTGACATCTCAGAAGGAGAGGTGACTGCCCTGCGCCAGCCACTGCCAGATCCTGAAGGAGC
GAGGCCTGCGGCCACACTTACTCATCCATGAAGGAGTCCGCTCAGAATTCGATGACATTGATATGCCAA
CCCAAAGTGTGGTGTGCGGATGCTGGGGAAGGCTTTTCTATCAGAATATGAACAGAGCCTTCCAA
GTGCTGATGGAGCTGAAAACCCCGTGCTCATATCCCTGGGAAAAGGACGCTATTACAAGGAGACCTCTG
GCCTGATGCTGGATGTTGGAGGTTACATGAAGGCACTCGAGTATGCCTGTGGTATCGAGGCTGAAGTGGT
GGGAAACCCTCCCCTGAGTCTTCAGGTCTGCTCTGCAAGCCATAGGGGTGGAAGCCACCAGGCCATC
ATGATTGGCGATGACATCGTGGGTGACGTTGGCGGTGCCAGCAGTCCGGAATGAGAGCTCTGCAGGTGC
GGACCGGAAGTTCAGGCCTGGCGATGAGCACCATCCAGAAGTGAAGGCGAGATGGGTACGTGGACAACCT
TGCAGAAGCCGTGGACCTGCTGCTGCAGCACATGGACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009706
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:	<u>NM_001009706.1</u> , <u>NP_001009706.1</u>
RefSeq Size:	1687 bp
RefSeq ORF:	813 bp
Locus ID:	361663
UniProt ID:	<u>Q5I0D5</u>
Cytogenetics:	1q41
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]