

Product datasheet for MC207617

L3hypdh (NM_026038) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: L3hypdh (NM_026038) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: L3hypdh
 Synonyms: 2810055F11Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC207617 representing NM_026038
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGGCGGCTGGCAGTGACCCGGCTGCCCAACGACCCGAGGACGCCAGCACTGTCGGTGGTGG
 ACATGCACACAGGCGGCGAGCCTCTGCGCATCGTGCACGCCGGGTGCCGAGGTGGCAGGGCCACGTT
 GCTGGCCAAGCGTCGCTACATGCGTCAACACCTCGACTACATCCGGCGGGGCTCGTGTTGAGCCCGC
 GGCCACCGGGACATGTACGGGGCCATCCTGGTGCCAGTGAGCTGCCAGAGCAGCACCTAGGCGTCTGT
 TCTTGACAACGAAGGCTACAGCTCCATGTGCGGTACGCGGTGTAGCGCTGGGCCGCTTCGCGCTCGA
 CTTTGGACTGGTGCCCGCTCCCCAAAAGGCGCCCGGGAGGCTCAGGTCAACATCCACTGCCCGTGTGGT
 CTGGTGACCGCCTTCGTAGAGTGTGAAGGTGGCCGAGTTGCGGCCCTGTGCGTTCACAGCGTCCCAG
 CCTTTGCTCCTGGCCTCAGACCTCACAGTGGATGTTCTGGCCATGGAAAGGTGCTGGTGGACATTGCATA
 TGGTGGGGCATTATGCGTTTGTAGTGCAGAAAAATTAGGACTTGATGTGTCTGCGAAGACGAGG
 GACCTTGTGGATGCGGCAAGTGCATTGACAGGAGCAGTGAAGCAGTAAAAATCAACCATCCTGAGA
 GTGAAGACCTTGGTTTTTGTATGGATCCATCTTGACGGATGAAAAGATGCTTATAGTGAGGAGCCAC
 ACCAACATCTGCGTGTTCGCCGATGAACAGTTGACAGAAGCCCAACCGGCTCGGGAGTGACAGCCAGA
 ATTGCTCTGCAGTATCATAAGGGGCTCCTGCAGCTGAACAGACAGAGCCTTCAAAGCAGCGCAACTG
 GCTCGGTGTTACAGGCTGTGCCGTGAGGGAAGCAAAGTGGAGATTTCAAAGCTGCATAGTGGAAAGT
 TGCAGGACAAGCCATTACAGGGACAGCAAACCTTGACAGTGAAGATGGTGACCCACTAAGGGATGGC
 TTTCTTCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_026038



Insert Size:	1065 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:	<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_026038.2, NP_080314.1</u>
RefSeq Size:	1705 bp
RefSeq ORF:	1065 bp
Locus ID:	67217
UniProt ID:	<u>Q9CXA2</u>
Cytogenetics:	12 C3
Gene Summary:	Catalyzes the dehydration of trans-3-hydroxy-L-proline to delta-1-pyrroline-2-carboxylate (Pyr2C).[UniProtKB/Swiss-Prot Function]