

Product datasheet for **RN203736**

L2hgdh (NM_001108028) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	L2hgdh (NM_001108028) Rat Untagged Clone
Tag:	Tag Free
Symbol:	L2hgdh
Synonyms:	RGD1306250
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203736 representing NM_001108028
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCCGACTCTCGTTATGTGGGAGGTGTCTGCGGACGGATTGGGTGCAGCGTTGCTGGGGCTTCC
 TCCGCGCTAGCGGGCCGGTGTCCGGGGTCTCGGGCTACTCTGCAGGGTGGTTCGAGCTCCAGTACCAG
 CTCATTTGATATAGTCATCGTTGGTGGTGAATTGTGGGCTTGCCTCTGCCAGAACACTCATCCTGAAA
 CATCCCGAACTTTCAATTGGTGTGGTGGAAAAGGAGAAAGATTTGGCTCTTACCAGACTGGACGGAACA
 GTGGTGCATACATAGTGAATTTACTATAAACCCGGAGTCACTGAAAGCTAAATTGTGTGTGAAGGTGC
 AGCCCTCATCTATGAGTACTGTAACTCAAGGGAATTCCTACAGGCAATGTGGCAAGCTAATAGTAGT
 GTTGAACAAGAAGAAATCCAGACTTCAGGCCCTGTATGAGCGTGGCCTGCAGAATGGAGTCCAAGGCT
 TGAGGCTGATCCAGCAGGAGGATATAAAAAAGAAGGAACCATATTGCAGGGGTCTAATGGCTATTGACTG
 TCCGTACACTGGCATTGTGAACTACCAACAGGTAGCGTTGTCATTTGCCAGGATTTCCAAGAAGCAGGT
 GGCCTATCTTGAAGATTTTCGAGGTAAAGGATATTGGAATAGCTAAAGAAGACCCTCCAAGAAGTAAGG
 ATGGGATGAAATATCCAATCGCTGTCAAGAATAGTAAGGAAAAGGAAATTCAGTGTGCGATATGTTGTGAC
 ATGTGCCGGTCTTTACTCAGACCGTATTTAGAGTTGAGTGGCTGCAATCCTGACCCTCAAATTTGCCCA
 TTCCGTGGAGATTACCTGGTGTAAAGCCAGAAAAGGGCTACCTTGTAAGGAAATATTTATCCGGTCC
 CGGACAGCCGACTTCCGTTTCTAGGCGTTCACCTCACACCAAGGCTGGATGGCTCTATTTGGCTCGGGCC
 TAATGCAGTGTTCCTTTAAACGGGAAGGCTACAGACCTTTGACTTCAATGCCAGAGATATTATGGAA
 GTAATTTCTAAAAGTGGTTTCATTAATTTGGTGTCCAGAATTTCTTATGGAGCTAGCGAAATATATA
 AAGCCTGTTTTCTCAGTGAACAGTGAAGCATCTCAAAGTTTCATTCTGAAATCACCACCAACGATGT
 ACTTCGAGGCCCTGCTGGAGTGCAGCCAGGCCCTGGACAGAGATGGAATCTGGTGGACGATTTTGTG
 TTTGATGGAGGAGCCGGTGGAGATTGGAGATCGAATTTCTCACGTGAGAAATGCACCTTCGCTGCAGCCA
 CTCTCTCCCTGGCAATTTCTAGAATGATAGCAGAGGAAGTGCAGCAGAGGTTTAAGTTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108028

Insert Size: 1392 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: [NM_001108028.1](#), [NP_001101498.1](#)
RefSeq Size: 3153 bp
RefSeq ORF: 1392 bp
Locus ID: 314196
Cytogenetics: 6q24