

Product datasheet for MC229531

Hdlbp (NM_001301364) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hdlbp (NM_001301364) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hdlbp
Synonyms:	1110005P14Rik; AA960365; AI118566; D1ErtD101e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229531 representing NM_001301364 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAGCTCCGTTGCAGTTTTGACCCAAGAGAGTTTTGCTGAACATCGAAGTGGGCTGGTTCACAACAAA
TCAAAGTTGCCACCTTAAATTCAGAAGAGGAAAATGACCTCCAACCTACAAGGATGCCTTCCTCCACT
TCCTGAGAAAGCAGCTTGCTGGAGAGTGCCCAAGAACCTGCCGAGCCTGGAGTAACAAGATCCGGCCC
ATCAAGGCCTCTGTCATCACTCAGGTGTTTCATGTACCCCTGGAAGAGAGAAAAATATAAGGACATGAACC
AGTTTGGAGAGGGTGAACAAGCAAAAATCTGCCTTGAGATCATGCAGAGGACTGGTGCTCACCTGGAAC
CTCTCTGGCTAAAGATCAAGGTCTCTCCATCATGGTCTCAGGGAAGCTGGATGCCGTATGAAAGCCCGC
AAAGACATTGTTGCTAGACTACAGACACAGGCCTCAGCAACTGTTCCCATTCCTAAAGAGCACCATCGCT
TTGTTATTGGCAAAAACGGAGAGAACTGCAAGACTTAGAACTAAAACTGCAACCAAAATCCAGATCCC
ACGCCCAGATGACCCAGTAATCAGATCAAGATCACTGGCACCAAGAAGGCATCGAGAAAGCTCGCCAT
GAAGTCCTCCTAATCTCTGCTGAGCAGGACAAGCGTGCTGTAGAGAGGCTAGAAGTGGAGAAGGCTTTCC
ACCCCTTCATCGCTGGGCCGTACAACAGACTTGTTGGGTGAAATCATGCAGGAGACAGGGACGCGAATCAA
CATCCCTCCACCCAGTGTTAACCGTACAGAAATCGTCTTCACTGGAGAGAAGGAGCAGCTGGCTCAGGCT
GTGGCTCGCATTAAAGAGATTTATGAGGAAAAGAAGAAGACTACAACATTGCGGTAGAGGTGAAGA
AGTCTCAGCACAAAGTATGTTATTGGGCCAAAGGGCAATTCAGTCAAGAAATCCTGGAAAGAACTGGAGT
TTCTGTTGAGATCCCACCTCCGACAGCATCTCTGAGACTGTGATACTTAGAGGCGAACCTGAAAAGTTG
GGACAGGCGTTGACTGAAGTCTATGCCAAGGCCAACAGTTTTACAGTCTCCTCAGTCTCTGCCCTTCCT
GGCTTCATCGTTTCATCATTGGTAAGAAAGGGCAGAACCTGGCCAAAATCACTCAGCAAATGCCAAAGGT
TCACATTGAGTTCACAGAAGGTGAGGACAAGATCACCTGGAGGGCCCCACAGAGGATGTGAATGTAGCC
CAAGAACAGATTGAAGGAATGGTCAAAGACCTGATTAATAGGATGGACTATGTAGAGATCAACATTGACC
ATAAATCCACAGACACCTCATTGAAAGAGCGGAGCCAAACATCAACAGAATCAAAGACCACTACAAAGT
GTCTGTGCGCATCCCCCTGACAGTGAAAAGAGTAACCTGATCCGAATTGAGGGAGACCCACAGGTGTT



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CAGCAGGCCAAGCGGGAGCTGCTGGAGCTTCTTCGCGATGGAAAAATGAGCGCACCAAGGATCTAATCA
TCGAGCAAAGATTTTCATCGCACAAATCATTGGGCAGAAAGGTGAACGGATTCGAGAAATTCGTGACAAAT
CCCAGAGGTTATCATCACTTTCCAGACCCAGCACAAAAAGTGATATTGTACAACTCAGAGGCCCAAG
AATGAGGTGGAGAAGTGCCTAAGTATATGCAGAAGATGGTGCAGACCTGGTGGAAAAATAGCTATTCAA
TTTCTGTACCAATCTTCAAACAGTTTACAAGAATATCATCGGAAAGGAGGCGCAACATTAAAAAGAT
CCGTGAAGAGAGCAACACCAAGATTGACCTTCTGCAGAGAACAGCAACTCTGAGACCATTATTATCACT
GGCAAGCGAGCCAACTGTGAAGCTGCCCGCAGCCGATTCTGTCTATCCAGAAAGATCTGGCCAACATAG
CTGAAGTGGAGGTCTCAATTCTGCCAAACTACACAACTCTCTCATTGGCAGAAAGGGCCGTCTGATCCG
CTCCATCATGGAGGAATGTGGTGGCGTCCATATTCACCTTCTGTGGAAGGTTCTGGAAGCGACACTGTT
GTCATCAGGGGTCCTTCTCAGATGTAGAGAAGGCCAAGAAGCAGCTCCTGCACCTGGCTGAGGAGAAGC
AAACCAAGAGTTTACTGTGGACATCCGAGCCAAGCCAGAATACCACAAATTCCTCATTGGCAAAGGGGG
AGGTAAATCCGAAAGGTGCGTGACAGTACTGGAGCCCGCATCATATTCGGGCTGCTGAAGATAAGGAC
CAGGACCTGATCACAATCATAGGAAAGGAGGATGCTGTCCGTGAGGCCAAAAGGAGCTGGAAGCATTGA
TCCAGAACCTGGAGAATGTGGTTGAAGACTATATGCTGGTGGACCCAAACACCACCGCCATTTTGTCT
CCGAAGAGGACAAGTTTTACGAGAAATTGCTGAAGAGTATGGCGGGGTGATGGTCAGCTTCCACGCTCT
GGCAGCGCAGAGTGATAAAGTCACTCTCAAGGGTGCCAAGGACTGTGTGGAGGCAGCAAGAAACGCATTC
AGGAAATCATTGAGGATCTGGAAGCTCAAGTGACAGTGAATGTGCTATACCCCGAAGTTTCACCGATC
GGTCATGGGTCCCAAAGGTTCAAGAATCCAGCAGATCACTCGGGACTACAATGTTCAAATCAAGTCCCA
GATAGAGAGGAAAATCCAGTTACAGTGTAGAGCCTTCCATCCAGGAGAATGGAGATGAGGCTGGAGAGG
GCAGAGAGGCCAAGGAGACCGACCTGGCTCTCCAGGAGGTGTGACATCATAATCATCTCTGGCCGGAA
AGAGAAATGCGAGGCTGCCAAGGAAGCCCTGGAGGCACTGGTTCAGTCACCATCGAGGTAGAGGTACCC
TTTGATCTTACCCTGACATCATTGGGCAAAAAGGAAGTGAATCCGCAAGATGATGGATGAGTTTGAGG
TGAACATCCATGTACCAGCCCCGAGCTGCAGTCAGACACCATCGCCATCACTGGCCTTGACAGCAATTT
GGACAGGGCTAAGCGGGGCTACTGGATCGAGTAAAGGAGCTGCAGGCTGAGCAGGAAGATCGGGCTTTA
AGGAGTTTTAAGCTGAGTGTCTGTAGACCCCAATACCATCCCAAAATTCGCGGAGAAAAGGAGCAG
TGATCACCCAGATCCGCTTGGAACATGAAGTGAACATCCAATTTCTGATAAGGATGATGGGAACGAGCC
CCAGGACCAAAATACCATCACAGGGTATGAGAAGAACTGAAGCTGCCCGTGATGCTATCTGAAAATT
GTGGGTGAGCTTGAGCAGATGGTTCTGAGGATGTTCCACTGGATCACCGTGTGCACGCTCGAATCATTG
GTGCCCGGGCAAAGCCATCCGAAAAATATGGATGAATTCAAGGTGGACATTGCTTCCACAGAGTGG
AGCGCCAGACCCCAATTGCGTCACTGTGACAGGACTCCAGAGAATGTGGAGGAAGCTATCGACCATATC
CTCAACCTAGAAGAGGAATATCTGGCAGATGTGGTGGACAGTGAAGGCACTGCAAGTTTACATGAAGCCCC
CAGCACATGAAGAGTCCAGGGCACCATCCAAAGGCTTTGTGGTGCAGATGCTCCCTGGACCTCCAACAG
CAGTGAGAAGGCTCCTGATATGAGCAGCTCTGAAGAATTTCCAGCTTTGGGGCTCAAGTGGCCCCCAAG
ACCCTCCCTTGGGGCCCCAAACGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001301364

Insert Size:

3807 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001301364.1</u> , <u>NP_001288293.1</u>
RefSeq Size:	6282 bp
RefSeq ORF:	3807 bp
Locus ID:	110611
UniProt ID:	<u>Q8VDJ3</u>
Cytogenetics:	1 47.24 cM
Gene Summary:	Appears to play a role in cell sterol metabolism. It may function to protect cells from over-accumulation of cholesterol (By similarity).[UniProtKB/Swiss-Prot Function]