

## Product datasheet for SC116829

### HDLBP (NM\_005336) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HDLBP (NM_005336) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDLBP
Synonyms:	HBP; PRO2900; VGL
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116829 sequence for NM_005336 edited (data generated by NextGen Sequencing)

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ATGAGTTCGGTTGCAGTTTTGACCCAAGAGAGTTTTGCTGAACACCGAAGTGGGCTGGTT
CCGCAACAAATCAAAGTTGCCACTCTAAATTCAGAAGAGGAGAGCGACCCCTCCAACCTAC
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GCATCTCGCATGGAAAATGAGCGTACCAAGGATCTAATCATTGAGCAAAGATTTTCATCGC  
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GCTCCTGACATGAGCAGCTCTGAGGAATTTCCAGCTTTGGGGCTCAGGTGGCTCCCAAG  
ACCTCCCTTGGGGCCCCAACGATAA

Clone variation with respect to NM\_005336.4  
1253 a=>g;2493 c=>t

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_005336 unedited</p> <pre>GTTACATTTGTATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGGCGGCTTGTC CCTGTTTCGCCACAGTTCCTACCTATGAGCTCGGTTTTCTTATGCTTATAAGAGTGAA CAGCAAAAGCTGGCAGGCTGACAGAGGGCGGCTCAGGACGGACCTTCTGGCTACTGACCG TTTTGTGTGGTTTTCCCGATTGTGTGAGGTGTGAGATCAACCATGAGTTCGGTTGCA GTTTTGACCCAAGAGAGTTTTGCTGAACACCGAAGTGGGCTGGTCCGCAACAAATCAA GTTGCCACTCTAAATTCAGAAGAGGAGAGCGACCCTCCAACCTACAAGGATGCCTCCCT CCACTTCCTGAGAAAGCTGCTTGCCTGGAAAGTGCCAGGAACCCGCTGGAGCCTGGGG AACAAAGATCCGACCCATCAAGGCTTCTGTCACTCAGGTGTTCCATGTACCCCTGGAG GAGAGAAAATACAAGGATATGAACCAGTTTGGAGAAGGTGAACAAGCAAAAATCTGCCTT GAGATCATGCAGAGAAGTGGTCTCACTTGGAGCTGTCTTTGGCCAAAGACCAAGGCCTC TCCATCATGGTGTGAGAAAGCTGGATGCTGTCATGAAAGCTCGGAAGGACATTGTTGCT AGACTGCAGACTCAGGCCTCAGCAACTGTTGCCATTCCTAAAGACACCATCGCTTTGNTA TTGGCANAAATGGAGAGAAAAGTGCAGACTTGGAGCTAANAAGTCAACCCAAATCCAGA TCCCACGCCAGATGACCCAGNCATCAGATCAAGATCACTGGCACCAAGAGGCATCGA GAAAGCTCGCCATGAAAGTCTACTCATCTCTGCCGAGCCAGACAACGTGTGTGGAGAGG CTAGAAGTAAAAAAGCATTCCACCT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_005336 unedited</p> <pre>CCGCAATCTAGTATCGAGTTTTACTTTTTTTTTTTGGCTTTTAAAGTCAAGACGTTTA TTTCTGAGGTATGACACAGGAAGTGAATCCTATCCACGGCTGCGGAGCTCTCGTGTAT GAAGGCCAGAGTCTGACTGACATGCCGGTGGACCAGGAGCTGCAGTCTGTTATCTTAG CACGAATGCTCATGACCTTGGTTTAGTGTAAACAGTGGAGCAGGTCTGAGCGGGCACG GCCAGGCCTGGAGGAGCGGCCGCACACAGCCAGGCGCTAGGCTCCCTGCGGGACCTCG GGAAGGGGAAGAGCGTCAACACTTTTACGGAGGTCCAGACGCTGGGTGAGATTGAGAC AAACCAATTGTGTGGTTGGGTTTGGTTCATCAAGCTGGAGAGGGTCTGTTCTTTTTGATC ATTATCGTTTTGGGCCCCAAGGGAGGGTCTTGGGAGCCACTGAGCCCCAAAGCTGGGAA ATTCTCAGAGCTGCTTATGTCAGGAGCCTTCTCACTGCTGCTGGCGGTCCAAGGTGCG TCCCGCACCAAAAGCCTCTGAAAGTGCCTTGGCCTTCTCGTGTGCTGGGGTTTCATG TATACCTGCAGCGCCTTACTGTCCACCAGTCACTAGGTATTCCTCCTCCAGATTGAAG ATGTGGTTCGATGGCCTCTCCACATTCTCTGGGAGCCCCGTTACAGTGACGCATTTGGG TCTGGGCTCCGCTCTGTGGGAAGCGAATGTTACCTTGAATTCGTCCATGATTTTGCGA ATGGCTTTGCGCGGCCACCATGATGCGGCGGTGACCCGTGTCAGCGGGACGCCTAAA ACCTCTGCTCAGTCCCACAATTTATTTANATCCCTGGAGCTTCTGTGTTCTTTGACCT GGGAAGGATTTGGCCGGCTGGTCCCATGCTTATAGGATAGATGTACGCTGCTCAACCGT TTGGTATTCGCCCTTTCCGAATT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005336
<b>Insert Size:</b>	4450 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_005336.2](#), [NP\\_005327.1](#)

**RefSeq Size:** 5032 bp

**RefSeq ORF:** 3807 bp

**Locus ID:** 3069

**UniProt ID:** [Q00341](#)

**Cytogenetics:** 2q37.3

**Domains:** KH

**Gene Summary:** The protein encoded by this gene binds high density lipoprotein (HDL) and may function to regulate excess cholesterol levels in cells. The encoded protein also binds RNA and can induce heterochromatin formation. [provided by RefSeq, Mar 2016]