

## Product datasheet for **SC127359**

### HDLBP (NM\_203346) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HDLBP (NM_203346) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDLBP
Synonyms:	HBP; PRO2900; VGL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_203346, the custom clone sequence may differ by one or more nucleotides

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ATGAGTCCGTTGCAGTTTTGACCCAAGAGAGTTTTGCTGAACACCGAAGTGGGCTGGTCCGCAACAAA
TCAAAGTTGCCACTCTAAATTCAGAAGAGGAGAGCGACCCTCAAACCTACAAGGATGCCTTCCCTCCACT
TCCTGAGAAAGCTGCTTGCTGGAAAGTGCCAGGAACCCGCTGGAGCCTGGGGGAACAAGATCCGACCC
ATCAAGGCTTCTGTCATCACTCAGGTGTTCCATGTACCCCTGGAGGAGAGAAAATACAAGGATATGAACC
AGTTTGGAGAAGGTGAACAAGCAAAAATCTGCCTTGAGATCATGCAGAGAACTGGTGCTCACTTGGAGCT
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AAGGACATTGTTGCTAGACTGCAGACTCAGGCCTCAGCAACTGTTGCCATTCCCAAAGAACCACCATCGCT
TTGTTATTGGCAAAAATGGAGAGAAACTGCAAGACTTGGAGCTAAAAACTGCAACCAAAATCCAGATCCC
ACGCCCAGATGACCCAGCAATCAGATCAAGATCACTGGCACCAAAGAGGGCATCGAGAAAGCTCGCCAT
GAAGTCTTACTCATCTCTGCCGAGCAGGACAAACGTGCTGTGGAGAGGCTAGAAGTAGAAAAGGCATTCC
ACCCCTTCATCGCTGGGCCGTATAATAGACTGGTTGGCGAGATCATGCAGGAGACAGGCACGCGCATCAA
CATCCCCCACCAGCGTGAACCGGACAGAGATTGCTTCACTGGAGAGAAGGAACAGTTGGCTCAGGCT
GTGGCTCGCATCAAGAAGATTTATGAGGAGAAGAAAAGAAGACTACAACCATTGCAGTGGAAAGTGAAGA
AATCCCAACACAAGTATGTCATTGGGCCAAGGGCAATTCATTGCAGGAGATCCTTGAGAGAATGGAGT
TTCCGTTGAGATCCCACCCTCAGACAGCATCTCTGAGACTGTAATACTTCGAGGGCAACCTGAAAAGTTA
GGTCAGGCGTTGACTGAAGTCTATGCCAAGGCCAATAGCTTACCGTCTCCTCTGTGCGCCGCCCTTCT
GGCTTACCGTTTTCATCATTGGCAAGAAAGGGCAGAACCTGGCCAAAATCACTCAGCAGATGCCAAAGGT
TCACATCGAGTTCACAGAGGGCGAAGACAAGATCACCCCTGGAGGGCCCTACAGAGGATGTCAATGTGGCC
CAGGAACAGATAGAAGGCATGGTCAAAGATTTGATTAACCGGATGGACTATGTGGAGATCAACATCGACC
ACAAGTTCACAGGCACCTCATTGGGAAGAGCGGTGCCAACATAAACAGAATCAAAGACCAGTACAAGGT
GTCCGTGCGCATCCCTCCTGACAGTGAAGAGCAATTTGATCCGCATCGAGGGGACCCACAGGGCGTG
CAGCAGGCCAAGCGAGAGCTGCTGGAGCTTGCATCTCGCATGGAAAATGAGCGTACCAAGGATCTAATCA
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CCCAGAGGTCATCATTAACCTTTCCAGACCCAGCACAAAAAGTGACATTGTCCAGCTCAGAGGACCTAAG
AATGAGGTGGAAAAATGCACAAAATACATGCAGAAGATGGTGGCAGATCTGGTGGAAAAATAGCTATTCAA
TTTCTGTTCCGATCTTCAAACAGTTTCAACAAGAAATATCATTGGGAAAGGAGGCGCAAACATTAAGAAAGAT
TCGTGAAGAAAGCAACACCAAAATCGACCTTCCAGCAGAGAATAGCAATTCAGAGACCATTATCATCACA
GGCAAGCGAGCCAACCTGCGAAGCTGCCCGGAGCAGGATTCTGTCTATTAGAAAGACCTGGCCAACATAG
CCGAGGTAGAGGTCTCCATCCCTGCCAAGCTGCACAACCTCCCTATTGGCACCAAGGGCCGCTGTATCCG
CTCCATCGAGGAGTGGCGGGGTCCACATTCACCTTCCCGTGAAGGTTCCAGGAAGGACACCCGTT
GTTATCAGGGGCCCTTCCCTCGGATGTGGAGAAGGCCAAGAAGCAGCTCCTGCATCTGGCGGAGGAGAAGC
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GGAGAGAGGCTAAAGATTGTGACCCCGCTCTCCAAGGAGGTGTGACATCATCATCTCTGGCCGGAA
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TTTGACCTTACCCTTACGTTATTGGGCAGAAAGGAAGTGGGATCCGCAAGATGATGGATGAGTTTGAGG
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CTCAATCTGGAGGAGGAATACCTAGCTGACGTGGTGGACAGTGAAGGCGCTGCAGGTATACATGAAACCC
CAGCACACGAAGAGGCCAAGGCACCTTCCAGAGGCTTTGGTGGCGGACGCACCCTGGACCGCCAGCAG
CAGTGAGAAGGCTCCTGACATGAGCAGCTCTGAGGAATTTCCAGCTTTGGGGCTCAGGTGGCTCCCAAG
ACCTCCCTTGGGGCCCAAACGATAA
    
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**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_203346 unedited
CCCCCCNCNCCACNTCTTCCNCCCCCGGTTCAAATTTGTATACGACTCACTATAGGC
GGCCGCGNAATTCGCACGAGGGCAGGACCAGCGGGCGGGGCCCCACAACAAAAGCTGGCA
GGCTGACAGAGGGCGCCTCAGGACGGACCTTCTGGCTACTGACCGTTTTGCTGTGGTTTT
CCCGGATTGTGTAGGTGTGAGATCAACCATGAGTTCGGTTGCAGTTTTGACCCAAAGAG
AGTTTTGTGAACACCGAAGTGGGCTGGTTCGCAACAAATCAAAGTTGCCACTCTAAAT
TCAGAAGAGGAGAGCGACCTCCAACCTACAAGGATGCCTTCCCTCCACTTCTGAGAAA
GCTGCTTGCTGGAAAGTGGCCAGGAACCCGCTGGAGCCTGGGGGAACAAGATCCGACCC
ATCAAGGCTTCTGTATCACTCAGGTGTTCCATGTACCCTGGAGGAGAGAAAATACAAG
GATATGAACCAAGTTTGGAGAAGGTGAACAAGCAAAAATCTGCCTTGAGATCATGCAGAGA
ACTGGTGTCACTTGGAGCTGTCTTTGGCCAAAGACCAAGGCCTCTCCATCATGGTGTCA
GGAAAGCTGGATGCTGTATGAAAGCTCGGAAGGACATTGTTGCTAGACTGCAGACTCAG
GCCTCAGCAACTGTTGCCATTCCCAAGACACCATCGCTTTGTTATTGGCAAAAATGAGA
GAACTGCAAGACTGNAGCTAAAAACTGCACCCAAATCCAGACCCACGCNAGATGACCCC
AGCATCAGATCAAGATACTGGCCCCAAAGAGGCATTGAGAAAGCTCGCCATGAAGTCTTA
CTCATTCTGCCGAGCAGGACAACGTGCTGTGGAGAGGTTGAAGTANAAAAGGCTTTTAC
CCCTTCATCGCTGGGCCGATAAAAAATGGTTGGCGAGACATTCAGGAAAAGGCCCCCAT
AAAATCCCCCCATGGGAACCGGACAAA
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_203346 unedited TTTGGACCGCGGCACGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTTGGCTTTT ATAAAGTCAAGGACGTTTATTTCTGAGGTCATGACACAGGAAGTGAATCCTAGCCACG GCTGCGGAGCTCTCGTGATGAAGGCCAGAGTGTGACTGACATGCCGGTGGACCAGGAG CTGGAGTCTGTTATCTTAACACGAATGCTCATGACCTTGGTTTAGTGTTAAACAGTGGAG CAGTCTTGAGCGGGCACGGCCAGGCCTGGAGGAGCGGCCACACACAGCCAGGCGCTA GGCTCCCTGCGGGACCTCGGAAGGGGGAAGAGCGTCAACAATTTACGGAGGGTCCAGCC GCTGGGTGAGATTGAGACAAACCATTGTGTGGTTGGGTTTCGGGTGAGCAGGCTGGAGAGG GTTCTGTTCTTTTTGATCATTATCGTTTGGGGCCCAAGGGAGGGTCTTGGGAGCCACCT GAGCCCCAAAGCTGGGAAATTCCTCAGAGCTGCTCATGTCAGGAGCCTTCTCACTGCTGC TGGCCGGCAGGGTGCCTCCCGCACCACAAAGCCTCTGGAAAGTGCCTTGGCCTTTCGT GCGCTGGGCGTTTCATGTATACCTGCAGCGCCTTACTGTCCACCACGTTAGCTAGGGTTT CCTCCTCAGATTGAAGATGGGGCCAAGGCTTCTCCCAATTCTCTGGGAGCCCCCGC CCAGGGACGCCATTGGGGTCCGCGCCCTCCCTCTGCGGGACACCACAGCTCCCCTTGGA TTGGTTCTCTATTTGCGCAAACGCTTTTTCGCGGAGCCCCCTTGTGCGGGCNTTAACCC CGGGTCTGATGGATCGCTTACTCCTNCCCTTTTCGTGCCGTTCTCTCTACCTCACTC ACTCTCTGCTGCTGTCTGTNCCCCTTTCGCCCTCTACCGCGCCNCCGCCCGGCCGG TGTCGCTCTTCCCCTTCCACCCTCAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_203346
<b>Insert Size:</b>	4364 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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_203346.1</a></u> , <u><a href="#">NP_976221.1</a></u>
<b>RefSeq Size:</b>	6367 bp
<b>RefSeq ORF:</b>	3807 bp
<b>Locus ID:</b>	3069
<b>UniProt ID:</b>	<u><a href="#">Q00341</a></u>
<b>Cytogenetics:</b>	2q37.3

**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]

Transcript Variant: This variant (2) uses a downstream promoter compared to variant 1.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.