

# Recombinant Human High Density Lipoprotein Binding Protein

Cat. No. HDLBP-4931H    Lot. No. (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human HDLBP was expressed by baculovirus in human plasma and having a molecular mass of 175.0-350.0 kDa.                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Human Plasma                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | HDLBP is the vehicle for reversed cholesterol transport and estrification, serving as a scavenger for free cholesterol during intraVascular catabolism of lipoproteins. HDL levels are inversely correlated with coronary heart disease. In a normal fasting individual, HDL concentrations range from 1.0-2.0 g/L. |
| <b>Molecular Weight</b> | 175.0-350.0 kDa                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Liquid in 150 mM NaCl, pH 7.4, and 0.01% EDTA.                                                                                                                                                                                                                                                                      |
| <b>Appearance</b>       | Lyophilized protein                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>           | ≥95% by SDS-PAGE                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | 2-4 °C. Do NOT Freeze. Protect from light.                                                                                                                                                                                                                                                                          |

## GENE INFORMATION

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| <b>Gene Name</b> | HDLBP high density lipoprotein binding protein [ Homo sapiens ] |
|------------------|-----------------------------------------------------------------|

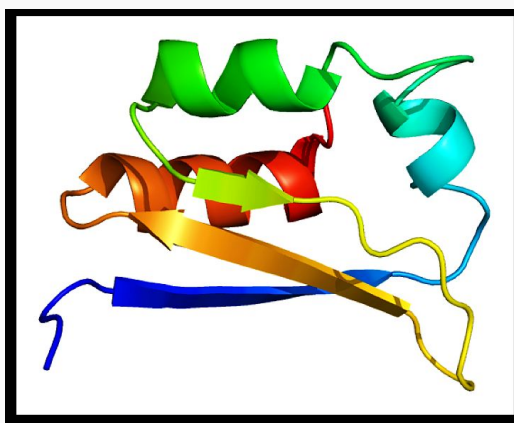
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|                            |                                                                                                                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | HDLBP                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>            | HDLBP; high density lipoprotein binding protein; HBP; VGL; PRO2900; FLJ16432; High density lipoprotein-binding protein; vigilin; OTTHUMP00000164572; OTTHUMP00000200288; OTTHUMP00000200289; OTTHUMP00000200290; HDL-binding protein; high density lipoprotein-binding protein; OTTHUMP000002002902 |
| <b>Gene ID</b>             | 3069                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_005336                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>      | NP_005327                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>                 | 142695                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | Q00341                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 2q37.3                                                                                                                                                                                                                                                                                              |
| <b>Function</b>            | RNA binding; lipid binding                                                                                                                                                                                                                                                                          |

PDB rendering based on 1vig.



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