

# Recombinant Full Length Human HDLBP Protein, C-Flag-tagged

**Cat. No.** HDLBP-1917HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human HDLBP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 141.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MSSVAVLTQESFAEHRSGLVPPQQIKVATLNSEESDPPTYKDAFPPLPEKAACLES<br>QEPAGAWGNKIRP IKASVITQVFHVPLEERKYKDMNQFGEGEQAKICLEIMQRTGA<br>HLELSLAKDQGLSIMVSGKLDVAMKAR KDIVARLQTQASATVAIPKEHHRFVIGKNG<br>EKLQDLELKTATKIQIPRPDDPSNQIKITGTKEGIEKARH EVLLISAEQDKRAVERLEV<br>EKAFHPFIAGPYNRLVGEIMQETGTRINIPPPSVNRTEIVFTGEKEQLAQA VARIKKIY<br>EEKKKKTTTTIAVEVKKSQHKYVIGPKGNSLQEILERTGVSVEIPPSDSISSETVILRGEPE<br>KL GQALTEVYAKANSFTVSSVAAPSWLHRFIIGKKKGQNLAKITQQMPKVHIEFTEGE<br>DKITLEGPTEDVNVA QEQIEGMVKDLINRMDYVEINIDHKFHRHLIGKSGANINRIKD<br>QYKVSVRIPPDSEKSNLIRIEGDPQGV QQAKRELLELASRMENERTKDIIIEQRFHRT |

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IIGQKGERIREIRDKFPEVIINFPDPAQKSDIVQLRGPK NEVEKCTKYMQKMOVADLVE  
 NSYSISVPIFKQFHKNIIIGKGGANIKKIREESNTKIDLPAENSNSSETIIT GKRANCEAAR  
 SRILSIQKDLANIAEEVVSIPAKLHNSLIGTKGRLIRSIMEECCGGVHIHFPVEGSGSDTV  
 VIRGPSSDVEKAKKQLLHLAEEKQTKSFTVDIRAKPEYHKFLIGKGGGKIRKVRDSTG  
 ARVIFPAAEDKD QDLITIIGKEDAVREAQKELEALIQNLDNVVEDSMLVDPKHHRHFVI  
 RRGQVLREIAEEYGGVMVSFPRS GTQSDKVTLKGAKDCVEAAKKRIQEIIEDLEAQV  
 TLECAIPQKFHRSVMGPKGSRIQQITRDFSVQIKFP DREENAVHSTEPVVQENGDEA  
 GEGREAKDCDPGSPRRCDIIISGRKEKCEAAKEALEALVPVTIEVEVP FDLHRYVIG  
 QKSGSIRKMMDEFEVNIHVPAPQLSDIIAITGLAANLDRAKAGLLERVKELQAEQED  
 RAL RSFKLSVTVDPKYHPKIIGRKGAVITQIRLEHDVNIQFPDKDDGNQPQDQITITGY  
 EKNTEAARDAILRI VGELEQMVSESDVPLDHRVHARIIGARGKAIRKIMDEFKVDIRFP  
 QSGAPDPNCVTVTGLPENVEEAIDHI LNLEEEYLADVVDSEALQVYMKPPAHEEAKA  
 PSRGFVVRDAPWTASSEKAPDMSSEEFPSFGAQVAPK TLPWGPKR TRTRPLE  
 QKLISEEDLAANDILDYKDDDDKV

|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

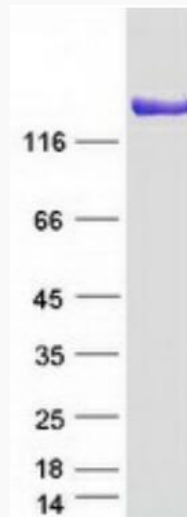
## GENE INFORMATION

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|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| <b>Gene Name</b>       | HDLBP high density lipoprotein binding protein [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | HDLBP                                                                   |
| <b>Synonyms</b>        | HBP; VGL; PRO2900                                                       |
| <b>Gene ID</b>         | 3069                                                                    |
| <b>mRNA Refseq</b>     | NM_005336.6                                                             |
| <b>Protein Refseq</b>  | NP_005327.1                                                             |
| <b>MIM</b>             | 142695                                                                  |
| <b>UniProt ID</b>      | Q00341                                                                  |



Coomassie blue staining of purified HDLBP protein.

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