

## Product datasheet for PH321641

### HDLBP (NM\_005336) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HDLBP MS Standard C13 and N15-labeled recombinant protein (NP_005327)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221641
Predicted MW:	141.3 kDa
Protein Sequence:	>RC221641 representing NM_005336 Red=Cloning site Green=Tags(s)

MSSVAVLTQESFAEHRSLVPPQIKVATLNSEESDPPTYKDAFPPLPEKAACLESQAQEPAGAWGNKIRP  
IKASVITQVFHVPLEERKYKDMNQFGEQEAKICLEIMQRTGAHLEL SLAKDQGLSIMVSGKLDVAMKAR  
KDIVARLQTQASATVAIPKEHHRFVIGKNGEKLQDLELKTATKIQIPRPDDPSNQIKITGTKEGIEKARH  
EVLLISAEQDKRAVERLEVEKAFHPFIAGPYNRLVGEIMQETGTRINIPPPSVNRTEIVFTGEKEQLAQA  
VARIKKIYEEKKKTTTTIAVEVKKSQHKYVIGPKGNSLQEILERTGVSVEIPPSDSISETVILRGEPEKL  
GQALTEVYAKANSFTVSSVAAPSWLHRF IIGKKGQNLAKITQQMPKVHIEFTEGEDKITLEGPTEDVNVA  
QEQIEGMVKDLINRMDYVEINIDHKFHRHLIGKSGANINRIKDQYKVSVRIPPDSEKSNLIRIEGDPQGV  
QQAKRELLELASRMENERTKDL IIEQRFHRTIIGQKGERIREIRDKFPEVIINFPDPAQKSDIVQLRGP  
NEVEKCTKYMQMVDL VENSYSISVPIFKQFHKNIIIGKGGANIKKIREESNTKIDLPAENSNETIIIT  
GKRANCEAARSRLSIQKDLANIAEVEVSIPAKLHNSLIGTKGRLIRSIMEECGVHIHFPVEGSGSDTV  
VIRGPSSDVEKAKQLLHLAAEEKQTKSFTVDIRAKPEYHKFLIGKGGKIRKVRDSTGARVIFPAAEDKD  
QDLITIIIGKEDAVREAQKELEALIQNLDNVVEDSMLVDPKHHRHFVIRRGQVLEIAEEYGGVMVSFPRS  
GTQSDKVTLKGAKDCVEAAKKRIQEIIEDLEAQTLECAIPQKFHRSVMGPKGSRISQITRDFSVQIKFP  
DREENAVHSTEPVVQENGDEAGEGREAKDCDPSRRCIIIIISGRKEKCEAAKEALEALVPVTIEVEVP  
FDLHRYVIGQKSGIRKMMDEFVNIHVPAPQLQSDIIAITGLAANLDRAGLLERVKELQAEQEDRAL  
RSFKLSVTVDPKYHPKIIIGRKGAVITQIRLEHDVNIQFPDKDDGNQPDQITITGYEKNTEAARDAILRI  
VGELEQMVSEDVPLDHRVHARIIGARGKAIRKIMDEFKVDIRFPQSGADPNPNCVTVTGLPENVEEAIDHI  
LNLEEEYLADVVDSEALQVYMKPPAHEEA KAPSRGFVVRDAPWTASSSEKAPDMSSEFFPSFGA QVAPK  
TLPWGPKR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

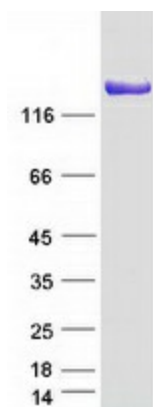
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Labeling Method:</b>	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3
<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_005327</a>
<b>RefSeq Size:</b>	5032
<b>RefSeq ORF:</b>	3804
<b>Synonyms:</b>	HBP; PRO2900; VGL
<b>Locus ID:</b>	3069
<b>UniProt ID:</b>	<a href="#">Q00341</a> , <a href="#">A0A024R4E5</a> , <a href="#">B2R5V9</a>
<b>Cytogenetics:</b>	2q37.3
<b>Summary:</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. [provided by RefSeq, Mar 2016]

### Product images:



Coomassie blue staining of purified HDLBP protein (Cat# [TP321641]). The protein was produced from HEK293T cells transfected with HDLBP cDNA clone (Cat# [RC221641]) using MegaTran 2.0 (Cat# [TT210002]).