

Product datasheet for PH317186

HELB (NM_033647) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HELB MS Standard C13 and N15-labeled recombinant protein (NP_387467)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217186
Predicted MW:	123.1 kDa
Protein Sequence:	>RC217186 representing NM_033647 Red=Cloning site Green=Tags(s)

MARSSPYLRQLQGPLLPPRDLVEEDDDYLNDVEEDESVEFIDAEELCSGGVKAGSLPGCLRVSIDENT
QETCKVGRFPITGAWWRVKVQKPVVGSRSYQYVQGFPSYFLQSDMSPPNQKHICALFLKECEVSSDD
VNKFLTWYKEVSNYKNLNFENLRETLRTHFKETGRKDQKQPTQNGQEELFLDNEMSLPLENTIPFRNVM
ALQFPKIMEFLPVLLPRHFKWIIGSGSKEMLKEIEEILGTHPWKLGFSKITIYREWKLRCESAWIAFCQC
ESLLQLMTDLEKNALIMYSRLKQICREDGHTYVEVNDLTLTLNHNMSFHAASESLKFLKDIGVVTYEKSC
VFPYDLYHAERIAAFSICDLMKKPPWHLCVDVEKVLASIHHTKPESSDDALNESKPDEVRENPDVVD
TQDNGDHIWTNGENEINAEISEVQLDQDQVEVPLDRDQVAALEMICSNPVTVISGKGGCGKTTIVSRLF
HIEQLEEREVKKACEDFEQDQNAEEWITFTEQSQLEADKAIEVLLTAPTGAAGLLRQKGLHAYTLQC
VNYSFYSWTQTMNTNKPKWFSSRVLVVDEGSLVSVGIFKSVLNLLCEHSLKSLIILGDIRQLPSIEP
GNLLKDLFETLKSRCNCAIELKTNHRAESQLIVDNATRISRQFPKFDALNISDNPTLPISIQDKTFIFV
RLPEEDASSQSSKTNHHSCLYSAYKTLQENNLQNAKTSQFIAFRRQDCDLINDCCCKHYTGHLTKDHQS
RLVFGIGDKICCTRNAYLSDLLPENISGSQQNNDLDASSEDFTGLPDFAKNKRDFESNVRLCNGEIFFI
TNDVTDVTFGKRRSLTINNAGLEVTVDFKMKYCRIKHAWARTIHTFQGSSEQTVVVYVVGKAGRQHWQ
HVYTAVTRGRRCRVYVIAEESQLRNAIMKNSFPRKTRLKHFLQSKLSSSGAPPADFLSPRKSSGDSGGPSI
PSASPLPVVTDHMTNDVTWSEASSPDERTLFAERWQLSSPDGVDTDDDLPKSRASKRTCGVNDDESPS
KIFMVGESPVSSRLQNLRLNLLIPRQLFKPTDNQET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

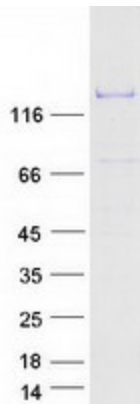
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_387467
RefSeq Size:	3368
RefSeq ORF:	3261
Synonyms:	DHB; hDHB
Locus ID:	92797
UniProt ID:	Q8NG08
Cytogenetics:	12q
Summary:	This gene encodes a DNA-dependent ATPase which catalyzes the unwinding of DNA necessary for DNA replication, repair, recombination, and transcription. This gene is thought to function specifically during the S phase entry of the cell cycle. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified HELB protein (Cat# [TP317186]). The protein was produced from HEK293T cells transfected with HELB cDNA clone (Cat# [RC217186]) using MegaTran 2.0 (Cat# [TT210002]).