

Product datasheet for TP317186

HELB (NM_033647) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human helicase (DNA) B (HELB), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217186 representing NM_033647 Red=Cloning site Green=Tags(s)

MARSSPYLRQLQGPELLPPRDLVEEDDDYLNDDEVEEDESVIDAEELCSGGVKAGSLPGCLRVVICIDENT
QETCKVFGFRPITGAWWRVKVQVKPVVGSRSYQYQVQGFPSYFLQSDMSPPNQKHICALFLKECEVSSDD
VNKFLTWWKEVSNYKNLNFENLRETLRTHFKETGRKDQKQPTQNGQEELFLDNEMSLPLENTIPFRNVMT
ALQFPKIMEFLPVLLPRHFKWIIIGSGSKEMLKEIEEILGTHPWKLGFSKITYREWKLRLRCEASWIAFCQC
ESLLQLMTDLEKNALIMYSRLKQICREDGHTYEVNDLTLTSLNHMSFHAASESLKFLKDIGVVTYEKSC
VFPYDLYHAERIAAFSICDLMKKPPWHLCVDVEKVLASIHHTTKPENSSDDALNESKPDEVRLNPVDVVD
TQDNGDHIWTNGENEINAEISEVQLDQDQVEVPLDRDQVAALEMICSNPVTVISGKGGCGKTTIVSRLFK
HIEQLEEREVKKACEDFEQDQNASEEWITFTEQSQLEADKAIEVLLTAPTGKAAGLLRQKTGLHAYTLCQ
VNYSFYSWTQTMMTTNKPWKFSSVRVLVWDEGSLVSVGIFKSVLNLCEHSKLSKLIILGDIRQLPSIEP
GNLLKDLFETLKSRCNAIELKTNHRAESQLIVDNATRISRQFPKFDALNIDNPTLPISIQDKTFIFV
RLPEEDASSQSSKTNHHSCLYSAVKTLQENNLQNAKTSQFIARFRQDCDLINDCCCKHYTGHLTKDHQS
RLVFGIGDKICCTRNYLSDLLPENISGSQQNNDLDASSEDVSGTLPDFAKNKRDFESNVRLCNGEIFFI
TNDVTDVTFGKRRSLTINMAGLEVTVDFKMKYCRIKHAWARTIHTFQGSSEEQTVVYVVGKAGRQHWQ
HVYTAVTRGRCRVYVIAEESQLRNAIMKNSFPRKTRKHFQSKLSSSGAPPADFLSPRKSSGSDSGGPSI
PSASPLPVTDHAMTNDVTWSEASSPDERTLTFAERWQLSSPDGVDTDDDLPKSRASKRTCGVNDDESPS
KIFMVGESPVSSRLQNLRLNLIPLRQLFKPTDNQET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

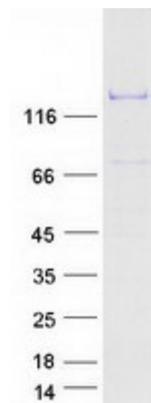
Tag:	C-Myc/DDK
Predicted MW:	123.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_387467
Locus ID:	92797
UniProt ID:	Q8NG08
RefSeq Size:	3368
Cytogenetics:	12q
RefSeq ORF:	3261
Synonyms:	DHB; hDHB
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]).