

Product datasheet for RC217186

HELB (NM_033647) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HELB (NM_033647) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HELB
Synonyms:	DHB; hDHB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217186 representing NM_033647 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence:

>RC217186 representing NM_033647
 Red=Cloning site Green=Tags(s)

MARSSPYLRQLQGPLLPRLDVEEDDYLNDVEEDESVEFIDAEELCSGGVKAGSLPGCLRVSI
 QETCKVGRFPITGAWWRVQVQKPVVGSRSYQYVQGFPSYFLQSDMSPPNQKHICALFLKECEVSSD
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 ALQFPKIMEFLPVLLPRHFKWIIIGSGSKEMLKEIEEILGTHPWKLGFSKITYREWKLRLCEASWIAFCQC
 ESSLQLMTDLEKNALIMYSRLKQICREDGHTYVEVNDLTLTL SNHMSFHAAESLKF LKDIGVVTYKSC
 VFPYDLYHAERAI AF SICDL MKKPPWHL CVDVEKVLASIHHTK PENSSDDALNESKPDEVRLNPVDVVD
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 HIEQLEEREVKKACEDFEQDQNASEEWITFTEQSLEADKAIIEVLLTAPTGAAGLLRQKTGLHAYTLQC
 VNYSFYSWTQTMNTNPKWKFSSVRVLVDEGSLVSVGIFKSVLNLCEHSLKSLIILGDIRQLPSIEP
 GNLLKDLFETLKSRCALIELKTNHRAESQLIVDNATRISRQFPKFAELNISDNPTLPISIQDKTFIFV
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 RL VFGIGDKICCTRNAYLSDLLPENISGSQONNDLDASSEDFSGTLPDFAKNKRDFESNVRLCNGEIFFI
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Chromatograms:

https://cdn.origene.com/chromatograms/mk6683_g08.zip

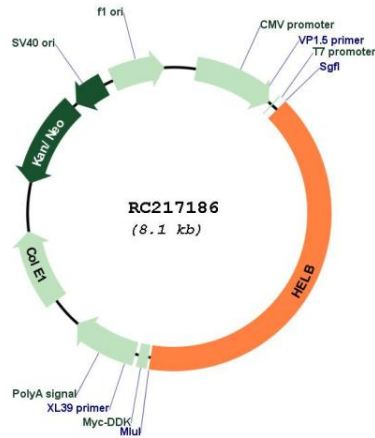
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Cytogenetics: 12q

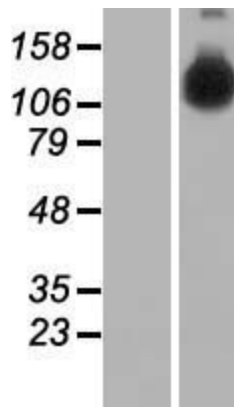
MW: 123.1 kDa

Gene 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]

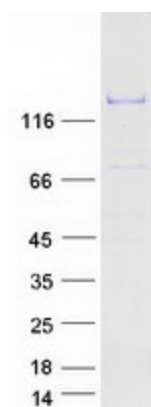
Product images:



Circular map for RC217186



Western blot validation of overexpression lysate (Cat# [LY409483]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC217186 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



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]).