

Recombinant Human HELB, GST-tagged

Cat. No. HELB-13729H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HELB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HELB helicase (DNA) B [Homo sapiens]
Official Symbol	HELB

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Synonyms	helicase (DNA) B; 17196; Ensembl:ENSG00000127311; DNA helicase B;helicase B; 3.6.4.12; hDHB
Gene ID	92797
mRNA Refseq	NM_033647.3
Protein Refseq	NP_387467.2
MIM	614539
UniProt ID	Q8NG08
Chromosome Location	12q14.3; 12q
Function	ATP binding; ATP-dependent 5-3 DNA helicase activity; single-stranded DNA-dependent ATP-dependent DNA helicase activity;

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