

Recombinant Full Length Human HELLS Protein, C-Myc/DDK-tagged

Cat. No. HELLS-11HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length protein of human helicase, lymphoid-specific (HELLS) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a lymphoid-specific helicase. Other helicases function in processes involving DNA strand separation, including replication, repair, recombination, and transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Mass	96.9 kDa
AA Sequence	MPAERPAGSGGSEAPAMVEQLDTAVITPAMLEEEEQLEAAGLERERKMLEKARMS WDRESTEIRYRRLQHLLLEKSNIYSKFLTKMEQQQLEEQKKKEKLERKKESLKVKKG KNSIDASEEKPVMRKKRGREDESYNISEVMSKEEILSVAKKNKKENEDENSSSTNLC VEDLQKNKDSNSIIKDRLSETVRQNTKFFFDPVKRCNGQPVPFQQPKHFTGGVMRW YQVEGMEWLRMLWENGINGILADEMGLGKTVQCIATIALMIQRGVPGPFLVCGPLST LPNWMAEFKRFTPDIPTMLYHGTQEERQKLVRNIYKRKGTQLIHPVVITSFEIAMRDR NALQHCYWKYLIVDEGHRIKNMKCRLIRELKRFNADNKKLLLTGTPLQNNLSELWSLL NFLLPDVFDLKSFSWFDITSLSETAEDIKEREQNVLHMLHQILTPFLLRRLKSDV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ALEVPPKREVVVYAPLSKKQEIFYTAIVNRTIANMFGSSEKETIELSPTGRPKRRTRKS
 INYSKIDDFPNELEKLISQIQPEVDRERAVVEVNIPVESEVNLKLQNIMMLLRKCCNHP
 YLIEYPIDPVTQEFKIDEELVTNSGKFLILDRMLPELKKRGHKVLLFSQMTSMLDILMD
 YCHLRDFNFSRLDGSMYSEREKNMHSFNTDPEVFIFLVSTRAGGLGINLTAADTVII
 YDSDWNPQSDLQAQDRCHRIGQTKPVVVYRLVTANTIDQKIVERAAAKRKLEKLIHK
 NHFKGGQSGNLNLSKNFLDPKELMELLKSRDYEREIKGSREKVISDKDLELLLDSDLI
 DQMNASGPIKEKMGIFKILENSEDSSPECLFTRTRPLEQKLISEEDLAANDILDYKDD
 DDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	>50 µg/mL as determined by microplate BCA method
Full Length	Full L.

GENE INFORMATION

Gene Name	HELLS helicase, lymphoid-specific [Homo sapiens (human)]
Official Symbol	HELLS

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Synonyms

HELLS; helicase, lymphoid-specific; lymphoid-specific helicase; LSH; Nbla10143; PASG; proliferation associated SNF2 like protein; SMARCA6; SWI/SNF2 related; matrix associated; actin dependent regulator of chromatin; subfamily A; member 6; proliferation-associated SNF2-like protein; SWI/SNF2-related matrix-associated actin-dependent regulator of chromatin subfamily A member 6; SWI/SNF2-related, matrix-associated, actin-dependent regulator of chromatin, subfamily A, member 6; FLJ10339

Gene ID

3070

mRNA Refseq

NM_018063

Protein Refseq

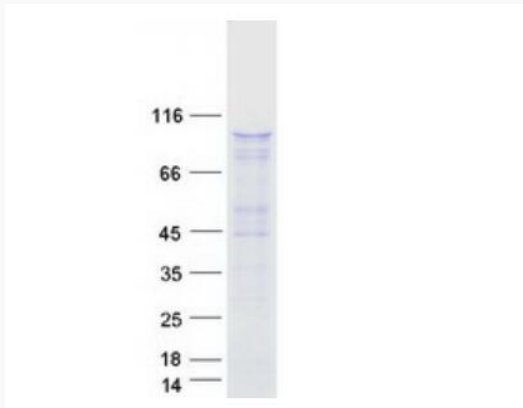
NP_060533

MIM

603946

UniProt ID

Q9NRZ9

SDS-PAGE


Coomassie blue staining of purified HELLS protein. The protein was produced from HEK293T cells transfected with HELLS cDNA clone

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