

Datasheet for ABIN7563882  
**HELLS Protein (AA 1-821) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HELLS
Protein Characteristics:	AA 1-821
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HELLS protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Hells Protein expressed in mammalien cells.
Sequence:	MAEQTEPAVI TPAMLEEEEQ LEAAGLEKER KMLEEAAQKSW DRESTEIRYR RLQHILLEKSN IYSKFLITKM EQQLEEQKK KEKLEKKKRS LKLEGGKSLV DGNGEKPVMK KKRGREDESY NISEVMSKEE ILSVAKKHKD NEDESSSTTS LCVEDIQKNK DSNSMIKDRL SQTVRQNSKF FFDPVRKCNG QPVPFQPKH FTGGVMRWYQ VEGMEWLRML WENGINILA DEMGLGKTVO CIATIALMIQ RGVPGPFLVC GPLSTLPNWM AEFKRFTPEI PTLLYHGTRE DRRKLVKNIH KRQGLQIHP VVVTSEFIAM RDQNALQHCY WKYLIVDEGH RIKNMKCRLI RELKRFNADN KLLLGTPLQ NNLSELWLL NFLLPDVFDD LKSFESWFDI TSLSETAEDI IAKEREQNVL HMLHQILTPF LLRRLKSDVA LEVPPKREVV VYAPLCNKQE IFYTAIVNRT IANMFGSCEK ETVELSPTGR PKRRSRKSIN YSELDQFPSE LEKLISQIQP EVNRERTVVE GNIPIESEVN LKLNRIMMLL RKCCNHPYMI EYPIDPVTQE FKIDEELVTN SGKFLILDRM LPELKKRGHK VLVFSQMTSM LDILMDYCHL RNFIFSRDLG SMSYSEREKN IYSFNTPDPV FLFLVSTRAG

## Product Details

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GLGINLTAAD TVIYDSDWN PQSDLQAQDR CHRIGQTKPV VVYRLVTANT IDQKIVERAA  
AKRKLEKLII HKNHFKGGQS GLSQSKNFLD AKELMELLKS RDYEREVKGS REKVISDEDL  
ELLDRSDLI DQMKASRPIK GKTGIFKILE NSEDSSAECL F **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

HELLS

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### Alternative Name:

Hells ([HELLS Products](#))

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### Background:

Lymphocyte-specific helicase (EC 3.6.4.-) (Proliferation-associated SNF2-like protein),FUNCTION: Plays an essential role in normal development and survival. Involved in regulation of the expansion or survival of lymphoid cells. Required for de novo or maintenance DNA methylation. May control silencing of the imprinted CDKN1C gene through DNA methylation. May play a role in formation and organization of heterochromatin, implying a functional role in the regulation of transcription and mitosis. {ECO:0000269|PubMed:10781083, ECO:0000269|PubMed:11325543, ECO:0000269|PubMed:11357197,

## Target Details

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ECO:0000269|PubMed:11711429, ECO:0000269|PubMed:14517253,  
ECO:0000269|PubMed:14612388, ECO:0000269|PubMed:15105378,  
ECO:0000269|PubMed:15647320, ECO:0000269|PubMed:8647447}.

Molecular Weight: 95.1 kDa

UniProt: [Q60848](#)

Pathways: [Chromatin Binding](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months