

Datasheet for ABIN7554101  
**HELLS Protein (AA 1-838) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HELLS
Protein Characteristics:	AA 1-838
Origin:	Human
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 mammalian cells.
Sequence:	MPAERPAGSG GSEAPAMVEQ LDTAVITPAM LEEEEQLEAA GLERERKMLE KARMSWDRES TEIRYRRLQH LLEKSNIYSK FLLTKMEQQQ LEEQKKKEKL ERKKESLKVK KGKNSIDASE EKPVMRKKRG REDESYNISE VMSKEEILSV AKKNKKNED ENSSSTNLVCV EDLQKNKDSN SIIKDRLSET VRQNTKFFFD PVRKCNQGPV PFQQPKHFTG GVMRWYQVEG MEWLRLMLWEN GINGILADEM GLGKTVQCIA TIALMIQRGV PGPFLVCGPL STLPNWMAEF KRFTPDIPM LYHGTQEERQ KLVRNIYKRK GTLQIHPVVI TSFEIAMRDR NALQHCYWKY LIVDEGHRIK NMKRLIREL KRFNADNKLK LTGTPLQNNL SELWSLLNFL LPDVFDDLKS FESWFDITSL SETAEDIIAK EREQNVLHML HQILTPELLR RLKSDVALEV PPKREVVVYA PLSKKQEIFY TAIVNRTIAN MFGSSEKETI ELSPTGRPKR RTRKSINYSK IDDFPNELEK LISQIQPEVD RERAVVEVNI PVSEVNKLK QNIMMLLRKC CNHPYLIEYP IDPVTQEFKI DEELVTNSGK FLILDRMLPE LKKRGHKVLL FSQMTSMLDI LMDYCHLRDF NFSRLDGSMS YSEREKNMHS

## Product Details

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FNTDPEVFIF LVSTRAGGLG INLTAADTVI IYDSDWNPQS DLQAQDRCHR IGQTKPVVVY  
RLVTANTIDQ KIVERAAAKR KLEKLIHKN HFKGGQSGLN LSKNFLDPKE LMELLKSRDY  
EREIKGSREK VISDKDLELL LDRSDLIDQM NASGPIKEKM GIFKILENSE DSSPECLF **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:

Lymphoid-specific helicase (EC 3.6.4.-) (Proliferation-associated SNF2-like protein) (SWI/SNF2-related matrix-associated actin-dependent regulator of chromatin subfamily A member 6),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 (By similarity). {ECO:0000250|UniProtKB:Q60848}.

## Target Details

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Molecular Weight: 97.1 kDa

UniProt: [Q9NRZ9](#)

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