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Datasheet for ABIN7564959  
**CHD1L Protein (AA 1-900) (His tag)**

## Overview

Quantity:	1 mg
Target:	CHD1L
Protein Characteristics:	AA 1-900
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHD1L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Chd1l Protein expressed in mammalian cells.
Sequence:	MASGLPRFLQ ALPAEHGPEP LRTRVQEPDL QQWGLTGIRL RSYQLEGVNW LVQCFHCQNG CILGDEMGLG KTCQTIALLI YLVGRLNDEG PFLVLCPLSV LSNWKEEMER FAPGLSCVTY TGDKEERARL QQDLRQESGF HVLLTTYEIC LKDASFLKSF SWSVLAVDEA HRLKNQSSLL HRTLSEFSAV FRLLLTGTPI QNSLRELYSL LCVVEPDLFC REQVEDFVQR YQDIEKESKS ASELHRLQF FLLRRVKAQV ATELPKTEV VVYHGMSALQ KKYKAILMK DLDAFENETA KKVKLQNILT QLRKCDHPY LFDGVEPEPF EVGEHLIEAS GKLHLLDRLL AFLYSGGHRV LLFSQMTHML DILQDYMDYR GYSYERVDGS VRGEERHLAI KNFGNQPIFV FLLSTRAGGV GMNLTAADTV IFVDSDFNPQ NDLQAAARAH RIGQNKSVKV IRLIGRDTVE EIVYRKAASK LQLTNMVEIG GHFTPGAQKP SAEADFQLSE ILKFGLDKLL SSEGSSMEDI DLKSILGETK DGQWTPDALP AAAAAGGGSL EPEEGSELES RSYENHMYLF EGRDYSKEPS KEDRKSFEQL VNLQKTLEK TSHGGRTLRLN KGSVLIPGLA EGPIKRKIL SPEELEDRLK KRQEAAAKRK

## Product Details

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RLMEEKRKEK EEAHRKKMA WWESNGYQSF CLSSEDSELE DLEGGDESSA ELAYEDLDST  
SINYVSGDVT HPQAGEEDAV IVHCVDDSGR WGRGGLFTAL EVRSAEPRKI YELAGKMEDL  
SLGDVLLFPI DDKESRDKGQ DLLALVVAQH RDRTNVLSGI KMAALEEGLK KIFLAACKKK  
ASVHLPRIGH ATKGFNWYGT ERLIRKHLAT RGIPTYIYYF PRSKARHSQP ASSSSAPLVP

**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:

CHD1L

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### Alternative Name:

Chd1l ([CHD1L Products](#))

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### Background:

Chromodomain-helicase-DNA-binding protein 1-like (EC 3.6.4.-),FUNCTION: ATP-dependent chromatin remodeler that mediates chromatin-remodeling following DNA damage. Recruited to DNA damage sites through interaction with poly-ADP-ribose: specifically recognizes and binds histones that are poly-ADP-ribosylated on serine residues in response to DNA damage. Poly-ADP-ribose-binding activates the ATP-dependent chromatin remodeler activity, thereby regulating chromatin during DNA repair. Catalyzes nucleosome sliding away from DNA breaks

## Target Details

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in an ATP-dependent manner. Chromatin remodeling activity promotes PARP2 removal from chromatin. {ECO:0000250|UniProtKB:Q86WJ1}.

Molecular Weight: 101.4 kDa

UniProt: [Q9CXF7](#)

## 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