

Datasheet for ABIN7565085  
**SNM1 Protein (AA 1-1026) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SNM1 (DCLRE1A)
Protein Characteristics:	AA 1-1026
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNM1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dclre1a Protein expressed in mammalian cells.
Sequence:	MLEDTWEEEI WEYKSKRKPK PVHPNNCSEN ISESVEKSTD GKHQSKGNEK RTSENPBKTK DHKVCLAETD SQISAGSSQS SSCRDESQQS QNKETTPKKQ HRTRRGKQVT PKVRPVYDGY CPSCQMPFSS LLGQTPQWHV FECLDPPIS DTECPGELLT TSTIPSHYKK YTHILLAQSR DSKEPLGSPS DALAGLFAAA APGSPCNLEE RRSMTLKTEN LRKVS DHSLM MMQYLET SQP SAEINRKNVS SPCSQTSPVP QCAEFVKRDQ LVGGGSPLAE VALNSQSKSG SMGLPLPEND TDSCEISYSP LHSDEETYDI DQELDDSQE LFFTQSSKDS SLEEDGSAIF ENLHGSPKPE AEGIRPTAKS LVAQARCSAP SEGSTLSDSF LLLSYTSNRL SQEDLPHTDA AFHLLSPALA VGAASNYQT SKAKLDEPEK FLSLASSHQQ QKIETSAVGN QTSLPLLTRA RSKPLEKEGG KCLPLHPTQS QTRGSPRKGL GAPGANCACR NAQKRSSMPL DKPLGTSPSS PKCSPSQPSK KVMKQMDIGV FFGLPPKRQE TSLRESASEG PNVSPVSPN QKRPRLCKRK AQSSLSDLEF DAKNL NESQH SVGLSGEKRQ HRRKRHKTSN SPREGPCQRR SGHLMNPNPEL GPVSLSKAFV RRTRGRTQRG NMNISESSGA GEVRRTCPFY KRIPGTGFTV DAFQYGEIEG CTAYFLTHFH

## Product Details

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SDHYAGLSKD FTRPVYCSEI TGNLLKKKLR VQEYIRQLP MDTECVVDSV KVVLLDANHC  
PGATMILFQL PNGAVILHTG DFRADPSMER SRLAGRKVHT LFLDTTYCSP EYTFPSQQEV  
IQFAINTAFE AVTLNPRALV VCGTYCIGKE KVFLAIADVL GSKVGMSEQE YKTLQCLNIP  
EVSSLITDM CDSLHLLPM MQINFKGLQS HLKCKGGKYD QILAFRPTGW THSNITSTA  
DIIPQTRGNI SIYGIPYSEH SSYLEMKRFV QWLKPQKIIP TVNVGSFRSR NTMEKYFKEW RLEAGY

**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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Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: SNM1 (DCLRE1A)

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Alternative Name: Dclre1a ([DCLRE1A Products](#))

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Background: DNA cross-link repair 1A protein (Beta-lactamase MBLAC2) (EC 3.5.2.6) (SNM1 homolog A),FUNCTION: May be required for DNA interstrand cross-link repair. Also required for checkpoint mediated cell cycle arrest in early prophase in response to mitotic spindle poisons.

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## Target Details

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{ECO:0000269|PubMed:10848582, ECO:0000269|PubMed:15542852}.

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Molecular Weight: 113.6 kDa

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UniProt: [Q9JIC3](#)

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## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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