

Datasheet for ABIN7545979  
**SHC2 Protein (AA 1-582) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SHC2
Protein Characteristics:	AA 1-582
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHC2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SHC2 Protein expressed in mammalian cells.
Sequence:	MTQGPGRAP PAPPAPPEPE APTTFCALLP RMPQWKFAAP GGFLGRGPAA ARAAGASGGA DPQPEPAGPG GVPALAAAVL GACEPRCAAP CPLPALSRCR GAGSRGSRGG RGAAGSGDAA AAAEWIRKGS FHKPAHGWL HPDARVLGPG VSYVVRMGC IEVLRSMRSL DFNTRTQVTR EAINRLHEAV PGVRGSWKKK APNKALASVL GKSNLRFAGM SISIHISTDG LSLSVPATRQ VIANHHMP SI SFASGGDTDM TDYVAYVAKD PINQRACHIL ECCEGLAQSI ISTVGQAFEL RFKQYLHSP KVALPPERLA GPEESAWGDE EDSLEHNYN SIPGKEPPLG GLVDSRLALT QPCALTALDQ GPSPSLRDAC SLPWDVGSTG TAPPGDGYVQ ADARGPPDHE EHLVNTQGL DAPEPEDSPK KDLFDMRPFE DALKLHECSV AAGVTAAPLP LEDQWPSPT RRAPVAPTEE QLRQEPWYHG RMSRRAAERM LRADGDFLVR DSVTNPGQYV LTGMHAGQPK HLLLVDPQGL VRTKDVLFES ISHLIDHHLQ NGQPIVA AES ELHLRGV VSR EP <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</b>

**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:

SHC2

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### Alternative Name:

SHC2 ([SHC2 Products](#))

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### Background:

SHC-transforming protein 2 (Protein Sck) (SHC-transforming protein B) (Src homology 2 domain-containing-transforming protein C2) (SH2 domain protein C2),FUNCTION: Signaling adapter that couples activated growth factor receptors to signaling pathway in neurons. Involved in the signal transduction pathways of neurotrophin-activated Trk receptors in cortical neurons (By similarity). {ECO:0000250}.

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### Molecular Weight:

61.9 kDa

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### UniProt:

[P98077](#)

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### Pathways:

[RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [VEGFR1 Specific Signals](#), [VEGF Signaling](#)

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## 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.

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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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