

Datasheet for ABIN7558104  
**SHC4 Protein (AA 1-626) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SHC4
Protein Characteristics:	AA 1-626
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHC4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Shc4 Protein expressed in mammalien cells.
Sequence:	MRERSQDSQA GLTLVGLFG HLGMLHRTKY SRFRNESITS LDEGSPGGSV GNKGSSPPPY PALAPHLPTD DATVSSQESP TALCTLIPRM ASMKLANPIT FLGLKTFCLG TKQVSRLKLQ ENQDQTPSRP ASPESNLNRT GPAPAPDPDQ VGRRPTSLRP DTCPLPGPGE PSPRSKQDGP PLQHLLGNGL NYCVRVMGCI EVLQSMRSLD FGMRTQVTRE AISRLCEAVP GAHGAIKRKR APVKFLT TVL GKSNLQFSGM NIKLTVSTSS LTLMNLDNQQ IIANHQMOSI SFASGGDPDT TDYVAYVAKD PVNQRACHIL ECRSGMAQDV ISTIGQAFEL RFKQYLKNPS LNTWEREEVL VDGAPEDRDH DYNSIPGKQ PPEGGISDVR IQAQATDQMA YCPIRCEKLC YLPGNSTCSG VYKNCMGRSR PIGIPHERAG QGDTPSLRHF WRVDLFDDPC YVNTQALQSM HSYAGNQSSA LPQGSPWHLG KAPETVQPGA TAKPGSALAL PHIRQQLWDE ECFHKGKLSRG AAEKLLVKDG DFLVRESVTS PGQFVLSGLQ GGQAKHLLLV DPEGKVRTKD HVFDNVGHLI KYHMDNNLPI ISSGSEVRLK QPIRKYDNTG LLPPKK <b>Sequence without tag. The proposed Purification-Tag is</b>

## Product Details

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**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:

SHC4

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### Alternative Name:

Shc4 ([SHC4 Products](#))

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### Background:

SHC-transforming protein 4 (Rai-like protein) (RaLP) (SHC-transforming protein D) (mShcD) (Src homology 2 domain-containing-transforming protein C4) (SH2 domain protein C4),FUNCTION: Activates both Ras-dependent and Ras-independent migratory pathways in melanomas. Contributes to the early phases of agrin-induced tyrosine phosphorylation of CHRNB1. {ECO:0000269|PubMed:17452444}.

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### Molecular Weight:

68.5 kDa

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### UniProt:

[Q6S5L9](#)

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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

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## Application Details

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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

## 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