

Datasheet for ABIN7557665  
**SHC3 Protein (AA 1-474) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SHC3
Protein Characteristics:	AA 1-474
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHC3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Shc3 Protein expressed in mammalian cells.
Sequence:	<p>MSATRKSRAG DEPLRPPIRG APHTSDQVLG PGVTYVVKYL GCIEVLRSMR SLDFSTRQV          TREAIRVCE AVPGAKGALK KRKPPSKMLS SILGKSNLQF AGMSISLTIS TASLNLRTPD          SKQIIANHHM RSISFASGGD PDTTDYVAYV AKDPVNRRAC HILECCDGLA QDVIGSIGQA          FELRFKQYLQ CPSKVPALQD RMQSLDEPWT EEEGDGPDHP YYNSVPTKMP PPGGFLDARL          KGRPHAPEAA QFAGKEQTYQ QGRHLGDTFG EDWQRAPTRQ GSLDIYSTAE GKTHMVPVGE          TPTYVNTQPV PPQVWPAATS STESSPRKDL FDMKPFEDAL RNQPLGPMLS KAASVECISP          VTPRAPDARM LEELNAEPWY QGEMSRKEAE ALLREDGDFL VRKSTTNPGS FVLTGMHNGQ          AKHLLLVDPE GTIRTKDRVF DSISHLINYH LESSLPVISA GSELCLQPV ERKP <b>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.</b></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

## Target Details

Target:	SHC3
Alternative Name:	Shc3 ( <a href="#">SHC3 Products</a> )
Background:	SHC-transforming protein 3 (Neuronal Shc) (N-Shc) (SHC-transforming protein C) (Src homology 2 domain-containing-transforming protein C3) (SH2 domain protein C3),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}.
Molecular Weight:	52.1 kDa
UniProt:	<a href="#">Q61120</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a>

## Application Details

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
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Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

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