Datasheet for ABIN7586153

# SHC3 Protein (AA 1-594) (His tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | SHC3 |
| Protein Characteristics: | AA 1-594 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SHC3 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MLPRTKYNRF RNDSVTSVDD LLHSLSVSGS GGKVSAEPAA SPYLVSGEAL RKAPDDGPGS LGHLLHKVSH LKLSSSGLRG LSSAARERAG ARLSGSCSAP SLAAPDGGSA TPGSRAPAAS MSATRKSRAS DEPLPRPPRG APHASDQVLG SGVTYVVKYL GCIEVLRSMR SLDFSTRTQV TREAISRVCE AVPGAKGAFK KRKPPSKMLS SILGKSNLQF AGMSISLTIS TASLNLRTPD SKQIISNHHM RSISFASGGD PDTTDYVAYV AKDPVNRRAC HILECCDGLA QDVIGSIGQA FELRFKQYLQ CPSKIPALQD RMQSLDEPWT EEEGDGPDHP YYNSVPNKMP PPGGFLDARL KARPHAPDAA QFSGKEQTYY QGRHLGDAFG EDWQRAPTRQ GSLDIYSTPE GKAHMVPVGE TPTYVNTQPV PPQVWPAATS STESSPRKDL FDMKPFEDAL RNQPLGPVLS KAASVECISP VTPRAPDAKM LEELNAEPWY QGEMSRKEAE ALLQEDGDFL VRKSTTNPGS FVLTGMHNGQ AKHLLLVDPE GTVRTKDRVF DSISHLITYH LESSLPIVSA GSELCLRQPV ERKP |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien |

## Product Details

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| | cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | > 90 % |

## Target Details

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| Target: | SHC3 |
| Alternative Name: | SHC-transforming protein 3 (Shc3) (SHC3 Products) |
| Background: | Recommended name: SHC-transforming protein 3.<br>Alternative name(s): Neuronal Shc.<br>Short name= N-Shc SHC-transforming protein C Src homology 2 domain-containing-transforming protein C3.<br>Short name= SH2 domain protein C3 |
| UniProt: | O70143 |
| Pathways: | RTK Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |

## Handling

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| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |