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## Datasheet for ABIN1633724 SHC1 Protein (AA 1-469) (His tag)

### Overview

Quantity:	1 mg
Target:	SHC1
Protein Characteristics:	AA 1-469
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHC1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MNKLSSGGGGR RTRVEGGQLG GEEWTRHGSF VNKPTRGWLH PNDKVMGPGV SYLVRYMGCV</p> <p>EVLQSMRALD FNTRTQVTRE AISLVCEAVP GAKGAMRRRK PCSRLSSIL GRSNLKFAGM</p> <p>PITLTVSTSS LNLMAADCKQ IIANHHMQSI SFASGGDPDT AEYVAYVAKD PVNQRACHIL</p> <p>ECPEGLAQDV ISTIGQAFEL RFKQYLRNPP KLVTPHDRMA GFDGSAWDEE EEELPDHQYY</p> <p>NDFPGKEPPL GGVDMLRLRE GAARPTLPST QMPSHLGATL PIGQHVTGDH EVRKQMLPPP</p> <p>PCPGRELFDD PSYVNIQNLD KARQAGGGAG PPNPSVNGSA PRDLFDMKPF EDALRVPPAP</p> <p>QSMSMAEQLQ GESWFHGKLS RREAEALLQL NGDFLVREST TTPGQYVLTG LQSGQPKHLL</p> <p>LVDPEGVVRT KDHRFESVSH LISYHMDNHL PIISAGSELC LQQPVDRKV</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: SHC1

Alternative Name: SHC-transforming protein 1 (Shc1) ([SHC1 Products](#))

Background: Recommended name: SHC-transforming protein 1.  
Alternative name(s): Src homology 2 domain-containing-transforming protein C1.  
Short name= SH2 domain protein C1

UniProt: [Q5M824](#)

Pathways: [RTK Signaling](#), [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [ER-Nucleus Signaling](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

## Application Details

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 modified 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

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.