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Datasheet for ABIN1475692 SHC2 Protein (AA 1-573) (His tag)

Overview

Quantity:	1 mg
Target:	SHC2
Protein Characteristics:	AA 1-573
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHC2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MTQGPGGRAA PEPEAPTTFC ALLPRMPQWK FAAPGSFLGR GPAAARVAGA AEAQPEPGVP</p> <p>ALAAVLGACE PRCAAPCPLP ALGRCRGS GS RGARGTPDVA DEWVRKGGFI HKPAHGWLHP</p> <p>DARVLGPGVS YIVRYMGCIE VLRSMSRLDF NTRTQVTREA INRLHEAVPG VRGSWKKKAP</p> <p>NKALASILGK SNLRFAGMSI SVNISVDGLN LSPATRQII ANHHMQSISF ASGGDTDMTD</p> <p>YVAYVAKDPI NQRACHILEC CEGLAQSVIS TVGQAFELRF KQYLHSPPKA VPPERLTGL</p> <p>EESAWGDGEV TADHDYNSI PGKEPPLGGL VDSRLAVTQP CALTTLGGLG QGLSPAWRDV</p> <p>RGLPWDMGPS GAVPPGDGYV QADARGPHDY EEHLYVNTQG LDALELEDTS ETPLQPEDSP</p> <p>KKDLFDMRPF EDALKLHECS VAAGITAASL PLEDQWPSPP TRRAPIAPTE EQLRQEPWYH</p> <p>GRMSRRAAEK LLRADGDFLV RDSITNPGQY VLTGMHAGQP KHLLLVDPEG VVRTKDVLF</p> <p>SISHLIDYHL KNGLPIVAAE SELHLRGVVS REP</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: SHC2

Alternative Name: SHC-transforming protein 2 (Shc2) ([SHC2 Products](#))

Background: Recommended name: SHC-transforming protein 2.
Alternative name(s): Protein Sck SH2 domain protein C2 Src homology 2 domain-containing-transforming protein C2

UniProt: [O70142](#)

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

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 modiflicated 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

Handling

one week

Storage: -20 °C

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