SHC SH2 Domain-Binding Protein 1 (SHCBP1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	SHC SH2 domain-binding protein 1 (SHCBP1), Recombinant Protein
Full Product Name	Recombinant Human SHC SH2 domain-binding protein 1 (SHCBP1)
Product Gene Name	SHCBP1 recombinant protein
Product Synonym Gene Name	SHCBP1
Sequence	ADGSLTGGGL EAAAMAPERM GWAVEQELAS LEKGLFQDED SCSDCSYRDK PGSSLQSFMP EGKTFFPEIF QTNQLLFYER FRAYQDYILA DCKASEVQEF TAEFLEKVLE PSGWRAVWHT NVFKVLVEIT DVDFAALKAV VRLAEPYLCD SQVSTFTMEC MKELLDLKEH RLPLQELWVV FDDSGVFDQT ALAIEHVRFF YQNIWRSWDE EEEDEYDYFV RCVEPRLRLH YDILEDRVPS GLIVDYHNLL SQCEESYRKF LNLRSSLSNC NSDSEQENIS MVEGLKLYSE MEQLKQKLKL IENPLLRYVF GYQKNSNIQA KGVRSSGQKI THVVSSTMMA GLLRSLLTDR LCQEPGEEER EIQFHSDPLS AINACFEGDT VIVCPGHYVV HGTFSIADSI ELEGYGLPDD IVIEKRGKGD TFVDCTGADI KISGIKFVQH DAVEGILIVH RGKTTLENCV LQCETTGVTV RTSAEFLMKN SDLYGAKGAG IEIYPGSQCT LSDNGIHHCK EGILIKDFLD EHYDIPKISM VNNIIHNNEG YGVVLVKPTI FSDLQENAED GTEENKALKI QTSGEPDVAE RVDLEELIEC ATGKMELCAR TDPSEQVEGN CEIVNELIAA STQKGQIKKK RLSELGITQA DDNLMSQEMF VGIVGNQFKW NGKGSFGTFL F
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	75,690 Da
Sequence Positions	2-672, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	611027
3D Structure	ModBase 3D Structure for Q8NEM2
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SHCBP1 recombinant protein	MBS1438574 is a recombinant protein targeting SHCBP1. Also known as Recombinant Human SHC SH2 domain-binding protein 1 (SHCBP1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SHCBP1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SHCBP1. It may not necessarily be applicable to this product.

NCBI GI #	190358504
NCBI GeneID	79801
NCBI Accession #	NP_079021.3
UniProt Primary Accession #	Q8NEM2
UniProt Secondary Accession #	Q96N60; Q9BVS0; Q9H6P6
UniProt Related Accession #	Q8NEM2
GenBank Nucleotide #	NM_024745.4
NCBI Official Full Name	SHC SH2 domain-binding protein 1 isoform 1
NCBI Official Synonym Full Names	SHC binding and spindle associated 1
NCBI Official Symbol	SHCBP1
NCBI Official Synonym Symbols	PAL
UniProt Protein Name	SHC SH2 domain-binding protein 1
Protein Family	SHC SH2 domain-binding protein
UniProt Gene Name	SHCBP1
NCBI Protein Information	SHC SH2 domain-binding protein 1
UniProt Comments for SHCBP1	May play a role in signaling pathways governing cellular proliferation, cell growth and differentiation. May be a component of a novel signaling pathway downstream of Shc. Acts as a positive regulator of FGF signaling in neural progenitor cells.
Research Articles on SHCBP1	**1.** Data indicate that the oncogene SS18-SSX1 promotes tumorigenesis by increasing the expression of SHC SH2-domain binding protein 1 (SHCBP1), which normally acts as a tumor promoting factor.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/shc-sh2-domain-binding-protein-1-shcbp1/1438574