

SHC-Transforming Protein 1 Recombinant Protein | SHC1 recombinant protein

Recombinant Human SHC-Transforming Protein 1

CATALOG # AAA38882	HOST E Coli
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PRODUCT SYNONYMS

SHC-Transforming Protein 1; Recombinant Human SHC-Transforming Protein 1; SHC (Src homology 2 domain containing) transforming protein 1; SHC; SHCA; SH2 domain protein C1; SHC-transforming protein 3; SHC-transforming protein A; FLJ26504; p66.; SHC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	SHC1 protein (1mg/ml) is supplied in 20mM Tris-HCl, pH-8, 2mM DTT, 200mM NaCl, 0.1mM PMSF and 20% Glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMNK LSGGGGRRTR VEGGQLGGEE WTRHGSFVNK PTRGWLHPND KVMGPGVSYL VRYMGCVEVL QSMRALDFNT RTQVTREAI LVCEAVPGAK GATRRRKPCS RPLSSILGRS NLKFAGMPIT LTVSTSSLNL MAADCKQIIA NHMQSISFA SGGDPDTAEY VAYVAKDPVN QRACHILECP EGLAQDVIST IGQAFELRFK QYLRNPPKLV TPHDRMAGFD GSAWDEEEEEE PPDHQYYNDF PGKEPPLGGV VDMRLREGAA PGAARPTAPN AQTPSHLGAT LPVGQPVGGD PEVRKQMPPP PPCPAGRELF DDPSYVNVQN LDKARQAVGG AGPPNPAING SAPRDLFDMK PFEDALRVPP PPQSVSMAEQ LRGEPWFGK LSRREAEALL QLNGDFLVRE STTTPGQYVL TGLQSGQPKH LLLVDPEGVV RTKDHRFESV SHLISYHMDN HLPISAGSE LCLQQPVERK L
Sequence Length	584
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for SHC1 recombinant protein	Description: SHC1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 494 amino acids (1-474) and having a molecular mass of 53.8 kDa. The SHC1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: SHC1 is a member of the SH2 domain family. SHC1 is vital to the regulation of apoptosis and drug resistance in mammalian cells. SHC1 is a signaling adapter which links activated growth factor receptors to signaling pathway. SHC1 is found in neural stem cells but not in mature neurons.
Product Categories/Family for SHC1 recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239664
NCBI GeneID	6464
NCBI Accession #	NP_001123512.1
NCBI GenBank Nucleotide #	NM_001130040.1

UniProt Accession #	P29353; O15290; Q5T180; Q5T183; Q5T184; Q5T185; Q5T186; Q8N4K5; Q96CL1; B5BU19; D3DV78
Molecular Weight	51,682 Da
NCBI Official Full Name	SHC-transforming protein 1 isoform 3
NCBI Official Synonym Full Names	SHC (Src homology 2 domain containing) transforming protein 1
NCBI Official Symbol	SHC1
NCBI Official Synonym Symbols	SHC; SHCA
NCBI Protein Information	SHC-transforming protein 1; SH2 domain protein C1; SHC (Src homology 2 domain-containing) transforming protein 1; SHC-transforming protein 3; SHC-transforming protein A
UniProt Protein Name	SHC-transforming protein 1
UniProt Gene Name	SHC1
UniProt Synonym Gene Names	SHC; SHCA; SH2 domain protein C1
UniProt Entry Name	SHC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/shc1-recombinant-protein-e-coli/38882>