

SHC1 Human

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.

Catalog #: PRPS-890

For research use only.

Synonyms: 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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MNKLSGGGGR RTRVEGGQLG
GEEWTRHGSF VNKPTRGWLH PNDKVMGPGV SYLVRYMGCV EVLQSMRALD FNTRTQVTRE
AISLVCEAVP GAKGATRRRK PCSRPLSSIL GRSNLKFAGM PITLTVSTSS LNLMAADCKQ
IIANHHMQSI SFASGGDPDT AEYVAYVAKD PVNQRACHIL ECPEGLAQDV ISTIGQAFEL
RFKQYLRNPP KL

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

SHC1 protein (1mg/ml) is supplied in 20mM Tris-HCl, pH-8, 2mM DTT, 200mM NaCl, 0.1mM PMSF and 20% Glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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