9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SHC1 Human

SHC-Transforming Protein 1 Human Recombinant
RCP2090

Product Overview

Name	SHC1 Human
Description	
SHC-Transforming Protein 1 Human Recombinant	
Accession (Primary)	P29353
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.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
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 KLVTPHDRMA GFDGSAWDEE EEEPPDHQYY NDFPGKEPPL GGVVDMRLRE GAAPGAARPT APNAQTPSHL GATLPVGQPV GGDPEVRKQM PPPPPCPAGR ELFDDPSYVN VQNLDKARQA	

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VGGAGPPNPA INGSAPRDLF DMKPFEDALR VPPPPQSVSM AEQLRGEPWF HGKLSRREAE ALLQLNGDFL VRESTTTPGQ YVLTGLQSGQ PKHLLLVDPE GVVRTKDHRF ESVSHLISYH MDNHLPIISA GSELCLQQPV ERKL

Precautions

SHC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P29353)