

Recombinant Full Length Human SHOC2 Protein, GST-tagged

Cat. No. SHOC2-604HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SHOC2(1 a.a. - 582 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	582 amino acids
Description	This gene encodes a protein that consists almost entirely of leucine-rich repeats, a domain implicated in protein-protein interactions. The protein may function as a scaffold linking RAS to downstream signal transducers in the RAS/ERK MAP kinase signaling cascade. Mutations in this gene have been associated with Noonan-like syndrome with loose anagen hair.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	89.76 kDa
AA Sequence	MSSSLGKEKD SKEKDPKVPS AKEREKEAKA SGGFGKESKE KEPKTKGKDA KDGKKDSSAA QPGVAFSVDN TIKRPNPAPG TRKKSSNAEV IKELNKCREE NSMRLDLSKR SIHILPSSIE ELTQLTELYL YSNKLQSLPA EVGCLVNLMT LALSENSLTS LPDSDLNLKK LRMLDLRHNK LREIPSVVYR LDSLTTLYLR FNRITVEKD IKNLSKLSML SIRENKIKQL PAEIGELCNL ITLDVAHNQL EHLPEIGNC TQITNLDLQH NELLDPDTI GNLSSLSRLG LRYNRLSAIP

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RSLAKCSALE ELNLENNNIS TLPESLLSSL VKLNSLTLAR NCFQLYPVGG
 PSQFSTIYSL NMEHNRINKI PFGIFSLRAKV LSKLNMKDNQ LTSLPLDFGT
 WTSMVELNLA TNQLTKIPED VSGLVSLEVL ILSNLLKKL PHGLGNLRKL
 RELDLEENKL ESLPNEIAYL KDLQKLVLTN NQLTTLPRGI GHLTNLTHLG
 LGENLLTHLP EEIGTLENLE ELYLNDNPNL HSLPFELALC SKLSIMSIEN
 CPLSHLPPQI VAGGPSFIIQ FLKMQQPYRA MV

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

SHOC2 SHOC2 leucine-rich repeat scaffold protein [Homo sapiens]

Official Symbol

SHOC2

Synonyms

SOC2; SUR8; SIAA0862; soc-2 suppressor of clear homolog

Gene ID

8036

mRNA Refseq

NM_007373

Protein Refseq

NP_031399

MIM

602775

UniProt ID

Q9UQ13

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