

Recombinant Human SHOC2 protein, MYC/DDK-tagged

Cat. No. SHOC2-2665H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHOC2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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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
Chromosome Location	10q25
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem
Function	protein phosphatase binding; protein phosphatase regulator activity

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