Recombinant Mouse Shoc2 Protein, Myc/DDK-tagged

Cat. No. Shoc2-5869M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length soc-2 (suppressor of clear) homolog (C. elegans) (cDNA clone MGC:31051 IMAGE:4014650), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory subunit of protein phosphatase 1 (PP1c) that acts as a M-Ras/MRAS effector and participates in MAPK pathway activation. Upon M-Ras/MRAS activation, targets PP1c to specifically dephosphorylate the 'Ser-259' inhibitory site of RAF1 kinase and stimulate RAF1 activity at specialized signaling complexes.
Molecular Mass	58.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Shoc2 Shoc2, leucine rich repeat scaffold protein [Mus musculus (house mouse)]
Official Symbol	Shoc2
Synonyms	Shoc2; Shoc2, leucine rich repeat scaffold protein; Sur; Sur8; AU017287; mKIAA0862; leucine-rich repeat protein SHOC-2; Ras-binding protein SUR-8; protein soc-2 homolog; protein sur-8 homolog; soc-2 (suppressor of clear) homolog; soc-2-like protein; suppressor of clear, C. elegans, homolog of
Gene ID	56392
mRNA Refseq	NM_019658
Protein Refseq	NP_062632
UniProt ID	O88520

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