

Product datasheet for **TP508396**

Shoc2 (BC026364) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse 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, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208396 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSSSLGKEKDSKEKDPKVPSAKEREKESKASGGFGKESKEKEPKAKGRDAKDGGKKESSAAQPGVAFSVDN TIKRPNPAPGTRKKSSNAEVIKELNKCREENSMRLDLSKRSIHILPPSVKELTQLTLYLYSNKLQSLPA EVGCLVNLMTLALSENSLTSLPDSLNLKKLRMLDLRHNKLREIPSVYRLDSLTTLYLRFNRITVEKD IKNLPKLSMLSIRENKIKQLPAEIGELCNLITLDVAHNQLEHLPKEIGNCTQITNLDLQHNDLLDLPDTI GNLSSLNRLGLRYNRLSAIPRSLAKCSALEELNLENNNISTLPESLLSSLVKLNSLTARNCFQLYPVGG PSQFSTIYSLNMEHNRINKIPFGIFSRKVL SKLNMKDNQLTSLPLDFGTWTSMVELNLATNQLTKIPED VSGLVSLVLILSNLLKKLPHGLGNLRKLRELDLEENKLES LPNEIAYLKDQLKVLVTNNQLSTLPRGI GHLTNLTHLGLGENLLTHLPEEIGRNLRRRTAG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	58.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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Locus ID:	56392
UniProt ID:	O88520
RefSeq Size:	2025
Cytogenetics:	19 D2
RefSeq ORF:	1572
Synonyms:	Sur8, Sur-8
Summary:	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.[UniProtKB/Swiss-Prot Function]