

## Product datasheet for TP510205

### Ssrp1 (BC042502) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse structure specific recognition protein 1 (cDNA clone MGC:30412 IMAGE:5005209), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210205 representing BC042502 Red=Cloning site Green=Tags(s)

MAETLEFNDIFQEVKGSMDGRLRLSRQGIIFKNSKTGKVDNIQAGELTEGIWRRVALGHGLKLLTKNGH  
VYKYDGFRESEFEKLSDFKTHYRLELMEKDLKCVKGNWGTVKFGGQLLSFDIGDQPVFEIPLSNVSQCT  
TGKNEVTLEFHQNDDAEVSLEMEVRFVYPPTQEDGVDPVEAFAQNVLSKADVIQATGDAICIFRELQCLTP  
RGRYDIRIYPTFLHLHGKTFDYKIPYTTVLRLLPHKDQRQMFFVISLDPPKQGGQTRYHFLILLFSKD  
EDISLTLNMNEEEVEKRFEGRLTKNMSGSLYEMVSRVMKALVNRKITVPGNFQGHGAQCITCSYKASSG  
LLYPLERGFIVHKPPVHIRFDEISFVNFARGTTTTRSFDFEIKQGTQYTFSSIEREEYKGLDFVNA  
KKNLNIKNRGLKEGINPGYDDYADSDDEDQHDAYLERMKEEGKIREENANDSSDSDSGETDESFNPGEEEEED  
VAEEFDSNASASSSSNEGDSRDREKKREQLKRAKMAKDRKSRKSSSEAKKGGKDPNAPKRPMSAYMLWLNA  
SREKIKSDHPGISITDLSKKAGEIWKGMSKEKKEEWDRAEDARREYKAMKEYEGGRGDSSKRDKSKRD  
KSKKKKKVKAKMEKSTPSRGSSSKSSSRQLSDSFKSKEFVSSDESSESSGENKSKKKRRRSEDSEELAST  
PSKLRGLCLGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	102.3 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Locus ID:</b>	20833
<b>UniProt ID:</b>	<a href="#">Q08943</a>
<b>RefSeq Size:</b>	2792
<b>Cytogenetics:</b>	2 49.45 cM
<b>RefSeq ORF:</b>	2133
<b>Synonyms:</b>	C81323; Hmg1-rs1; Hmgi-rs3; Hmgox; T160
<b>Summary:</b>	Component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA as a template such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II. The FACT complex is probably also involved in phosphorylation of 'Ser-392' of p53/TP53 via its association with CK2 (casein kinase II). Binds specifically to double-stranded DNA. Also acts as a transcriptional coactivator for p63/TP63.[UniProtKB/Swiss-Prot Function]