

Product datasheet for TP300414M

SSRP1 (NM_003146) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human structure specific recognition protein 1 (SSRP1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200414 protein sequence Red=Cloning site Green=Tags(s)

MAETLEFNDVYQEVKGSMDGRLRLSRQGIIFKNSKTGKVDNIQAGELTEGIWRRVALGHGLKLLTKNGH
VYKYDGFRESEFEKLSDFFKTHYRLELMEKDLCVKGWNNWGTVKFGQLLSFDIGDQPVFEIPLSNVSQCT
TGKNEVTLEFHQNDDAEVSLMEVRFYVPPTQEDGVDVPEAFAQNVLSKADVIQATGDAICIFRELQCLTP
RGRYDIRIYPTFLHLHGKTFDYKIPYTTVLRLLPHKDRQRMFFVISLDPPIKQGQTRYHFLILLFSKD
EDISLTLNMNEEEVEKRFEGRLTKNMSGSLYEMVSRVMKALVNRKITVPGNFQGHSGAQCITCSYKASSG
LLYPLERGFYVHKPPVHIRFDEISFVNFARGTTTTRSDFEIEKQGTQYTFSSIEREEYGKLFDFVNA
KKLNIKNRGLKEGMNPSYDEYADSDEDQHDAYLERMKEEGKIREENANDSSDSDSGETDESNPGEED
VAEEFDSNASASSSSNEGSDRDEKRRKQLKAKMAKDRKSRKKPVEVKKGKDPNAPKRPMAYMLWLNA
SREKIKSDHPGISITDLSKKAGEIWKGMSKEKKEEWDRAEDARRDYEKAMKEYEGGRGESSKRDKSKKK
KKVKVKMEKKSTPSRGSSSKSSSRQLSEFSKSEFVSSDESSSGENKSKKKRRRSEDSEEEELASTPPSS
EDSASGSDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

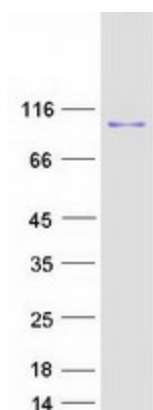
Tag:	C-Myc/DDK
Predicted MW:	80.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003137
Locus ID:	6749
UniProt ID:	Q08945 , A0A024R4Z6
RefSeq Size:	2825
Cytogenetics:	11q12.1
RefSeq ORF:	2127
Synonyms:	FACT; FACT80; T160
Summary:	The protein encoded by this gene is a subunit of a heterodimer that, along with SUPT16H, forms chromatin transcriptional elongation factor FACT. FACT interacts specifically with histones H2A/H2B to effect nucleosome disassembly and transcription elongation. FACT and cisplatin-damaged DNA may be crucial to the anticancer mechanism of cisplatin. This encoded protein contains a high mobility group box which most likely constitutes the structure recognition element for cisplatin-modified DNA. This protein also functions as a co-activator of the transcriptional activator p63. An alternatively spliced transcript variant of this gene has been described, but its full-length nature is not known. [provided by RefSeq, Jul 2008]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified SSRP1 protein (Cat# [TP300414]). The protein was produced from HEK293T cells transfected with SSRP1 cDNA clone (Cat# [RC200414]) using MegaTran 2.0 (Cat# [TT210002]).