

SSRP1 mouse monoclonal antibody (hybridoma)

Catalog # H00006749-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SSRP1.
Immunogen	SSRP1 (NP_003137.1, 1 a.a. ~ 709 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAETLEFNDVYQEVKGSMDGRLRLSRQGIIFKNSKTGKVDNIQAGELTEGWRRVALGHGLKLLT KNGHVYKYDGFRESEFEKLSDFFKTHYRLELMEKDLCVKGWNWGTVKFGGQLLSFDIGDQPVFE IPLSNVSQCTTGKNEVTLEFHQNDDAEVSLMEVRFYVPPTQEDGVDPVEAFAQNVLSKADVIQAT GDAICIFRELQCLTPRGRYDIRIYPTFLHLHGKTFDYKIPYTTVLRFLPHKDQRQMFFVISLDPPKQ GQTRYHFLILLFSKDEDISLTLNMNEEEVEKRFEGRLTKNMSGSLYEMVSRVMKALVNRKITVPGN FQGHSGAQCITCSYKASSGLLYPLERGFYVHKPPVHIRFDEISFVNFARGTTTTSFDFEIEKQGT QYTFSSIEREEYGKLDFVNAKKLNIKNRGLKEGMNPSYDEYADSDDEDQHDAYLERMKEEGKIRE ENANDSSDDSGEETDESFNPGEEEEEDVAEEFDSNASASSSSNEGDSDRDEKKRKQLKKAKMA KDRKSRKKPVEVKKGKDPNAPKRPM SAYMLWLNASREKIKSDHPGISITDLSSKAGIEWKGMSK EKKEEWDRAEDARRDYEKAMKEYEGGRGESSKRDKSKKKKKVKVKMEKKSTPSRGSSSKSS SRQLSESFKSKEFVSSDESSSGENKSKKKRRRSEDSEEEELASTPPSSSEDASAGSDE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SSRP1

Entrez GeneID [6749](#)

GeneBank Accession# [NM_003146.2](#)

Protein Accession# [NP_003137.1](#)

Gene Name SSRP1

Gene Alias FACT, FACT80, T160

Gene Description structure specific recognition protein 1

Omim ID [604328](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations chromatin-specific transcription elongation factor 80 kDa subunit|cisplatin-DNA SSRP|facilitates chromatin remodeling 80 kDa subunit|high mobility group box|recombination signal sequence recognition protein