Recombinant Human SSRP1 Protein, His-tagged

Cat. No. SSRP1-638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SSRP1(Glu6~Pro246) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu6~Pro246
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	31.2kDa
Identity	Reconstitute in PBS or others

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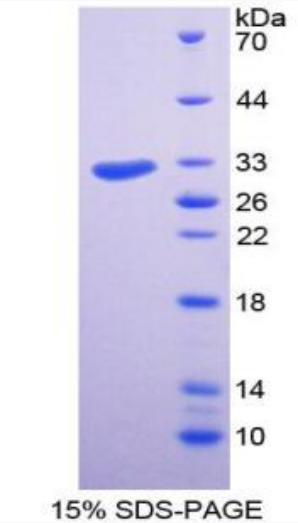
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	SSRP1 structure specific recognition protein 1 [Homo sapiens]
Official Symbol	SSRP1
Synonyms	SSRP1; structure specific recognition protein 1; FACT complex subunit SSRP1; facilitates chromatin remodeling 80 kDa subunit; FACT80; hSSRP1; FACTp80; cisplatin-DNA SSRP; FACT 80 kDa subunit; high mobility group box; structure-specific recognition protein 1; recombination signal sequence recognition protein 1; facilitates chromatin transcription complex subunit SSRP1; facilitates chromatin transcription complex 80 kDa subunit; chromatin-specific transcription elongation factor 80 kDa subunit; FACT; T160;

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Gene ID	6749
mRNA Refseq	NM_003146
Protein Refseq	NP_003137
MIM	604328
UniProt ID	Q08945



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