

Recombinant Human SP100 Protein, His-tagged

Cat. No. SP100-462H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SP100(Gly610~Lys802) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly610~Lys802
Description	This gene encodes a subnuclear organelle and major component of the PML (promyelocytic leukemia)-SP100 nuclear bodies. PML and SP100 are covalently modified by the SUMO-1 modifier, which is considered crucial to nuclear body interactions. The encoded protein binds heterochromatin proteins and is thought to play a role in tumorigenesis, immunity, and gene regulation. Alternatively spliced variants have been identified for this gene; one of which encodes a high-mobility group protein.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.3kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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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	SP100 SP100 nuclear antigen [Homo sapiens]
Official Symbol	SP100
Synonyms	SP100; SP100 nuclear antigen; nuclear antigen Sp100; nuclear autoantigen Sp-100; speckled 100 kDa; SP100-HMG nuclear autoantigen; nuclear dot-associated Sp100 protein; lysp100b; FLJ00340; FLJ34579; DKFZp686E07254;
Gene ID	6672
mRNA Refseq	NM_001080391
Protein Refseq	NP_001073860

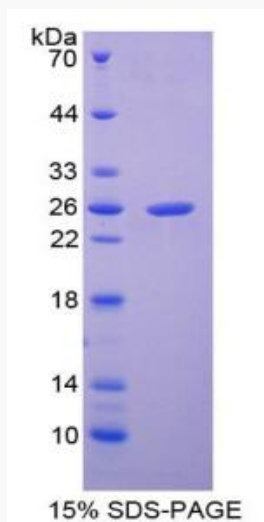
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MIM 604585

UniProt ID P23497



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