



Recombinant Human Sp110 nuclear body protein (SP110)

Product Code	CSB-MP022440HU
Abbreviation	SP110
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9HB58
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MFTMTRAMEE ALFQHFMHQK LGIAYAIHKP FPFEGLLDN SIITKRMYME SLEACRNLI VSRVHNILT QLERTFNLSL LVTLFSQINL REYPNLVTIY RSFKRVGASY EWQSRDTPIL LEAPTGLAEG SSLHTPLALP PPQPPQSPCS PCAPRVSEPG TSSQQSDEIL SESPSDPV LPLALIQEG RSTSVTNDKL TSKMNAEEDS EEMPSLLTST VQVADNLI QIRDKEDPQE MPHSPGLSMP EIRDNSPEPN DPEEPQEVSS TPSDKKGKKR KRCIWSTPKR RHKKKSLPGG TASSRHGIQK KLKRVDPVPQ KKDDSTCNST VETRAQKART ECARKSRSEE IIDGTSEMNE GKRSQKTPST PRRVTQGAAS PGHGIQEKLQ VVDKVTQRKD DSTWNSEVMM RVQKARTKCA RKSRLKEKKK EKDICSSSKR RFQKNIHRRG KPKSDTVDFH CSKLPVTCGE AKGILYKKKM KHGSSVKCIR NEDGTWLTPN EFEVEGKGRN AKNWKRNIRC EGMTLGELLK RKNSDECEVC CQGGQLCCG TCPRVFHEDC HIPPEAKRM LWSCTFCRMK RSSGSQQCHH VSKTLERQMQ PQDQLIRDYD EPFQEAMWLD LVKERLITEM YTVAWFVRDM RLMFRNHKTF YKASDFGQVG LDLEAEFEKD LKDVLFHEA NDGGFWTLP
Source	Mammalian cell
Target Names	SP110
Protein Names	Recommended name: Sp110 nuclear body protein Alternative name(s): Interferon-induced protein 41/75 Speckled 110 kDa Transcriptional coactivator Sp110
Expression Region	1-689
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140



family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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