



# Recombinant Human Sp110 nuclear body protein (SP110)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP022440HU-B  |
| <b>Abbreviation</b>      | SP110   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q9HB58  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MFTMTRAMEE ALFQHFMHQK LGIAYAIHKP FPFEGLLDN SIITKRMYME<br>SLEACRNLIP VSRVHNILT QLERTFNLSL LVTLFSQINL REYPNLVTIY<br>RSFKRVGASY EWQSRDTPIL LEAPTGLAEG SSLHTPLALP PPQPPQPCSC<br>PCAPRVSEPG TSSQQSDEIL SESPSPSDPV LPLPALIQEG RSTSVTNDKL<br>TSKMNAEEDS EEMPSLLTST VQVADNLIP QIRDKEDPQE MPHSPGLGSM<br>EIRDNSPEPN DPEEPQEVSS TPSDKKGGKKR KRCIWSTPKR RHKKKSLPGG<br>TASSRHGIQK KLKRVDPVPQ KKDDSTCNST VETRAQKART ECARKSRSEE<br>IIDGTSEMNE GKRSQKTPST PRRVTQGAAS PGHGIQEKLQ VVDKVTQRKD<br>DSTWNSEVMM RVQKARTKCA RKSRLKEKKK EKDICSSSKR RFQKNIHRRG<br>KPKSDTVDFH CSKLPVTCGE AKGILYKKKM KHGSSVKCIR NEDGTWLTPN<br>EFEVEGKGRN AKNWKRNICR EGMTLGELLK RKNSDECEVC<br>CQGGQLCCG TCPRVFHEDC HIPPEAKRM LWSCTFCRMK<br>RSSGSQQCHH VSKTLERQMQ PQDQLIRDYQ EPFQEAMWLD LVKERLITEM<br>YTVAWFVRDM RLMFRNHKTF YKASDFGQVG LDLEAEFEKD LKDVLGFHEA<br>NDGGFWTLP |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | SP110   |
| <b>Protein Names</b>     | Recommended name: Sp110 nuclear body protein Alternative name(s):<br>Interferon-induced protein 41/75 Speckled 110 kDa Transcriptional coactivator<br>Sp110   |
| <b>Expression Region</b> | 1-689   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Target Details</b>    | 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**

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.