

Recombinant Human SPO11 protein, His-tagged

Cat. No. SPO11-5211H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPO11 protein(Q9Y5K1)(1-396aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-396aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	51.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

MAFAPMGPEASFFDVLDRHRESLLAALRRGGREPPTGGSRLLASSEVLASIENIIQDI
ITSLARNEAPAFITIDNRSSWENIKFEDSVGLQMVSHCTTRKIKSDSPKSAQKFSLLIKI
LSMIYKLVQSNTYATKRDIYYTDSQLFGNQTVVDNIINDISCMLKVSRRSLHILSTSKG
LIAGNLRYIEEDGTKVNCTCGATAVAVPSNIQGIRNLVTDKAFVLIVEKDATFQRLDD
NFCNKLSPCIMITGKGVDPDLNTRLLVKKLWDTFHVVPVFTLVDADPHGIEIMCIYKYGS
MSMSFEAHHLTPAIRWLGLLPDLKRLNVPKDSLPLTKRDQMKLDSILRRPYVTCQ
PFWRKEMEIMADSKMKAEIQALTFLSSDYLSRVYLPNKLKFGGWI

GENE INFORMATION
Gene Name

SPO11 SPO11 meiotic protein covalently bound to DSB homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SPO11

Synonyms

SPO11; SPO11 meiotic protein covalently bound to DSB homolog (*S. cerevisiae*);
SPO11 meiotic protein covalently bound to DSB like (*S. cerevisiae*) , SPO11, meiotic
protein covalently bound to DSB (*S. cerevisiae*) like; meiotic recombination protein
SPO11; cancer/testis antigen 35; CT35; MGC39953;

Gene ID

23626

mRNA Refseq

NM_012444

Protein Refseq

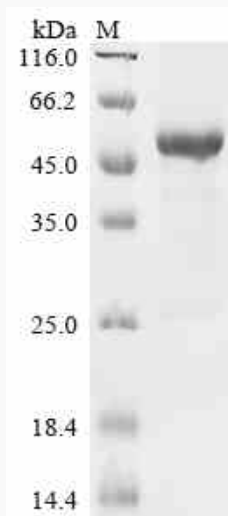
NP_036576

MIM

605114

UniProt ID

Q9Y5K1

SDS-PAGE

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