Recombinant Human SPO11 protein, His-tagged

Cat. No. SPO11-3533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPO11 protein(Q9Y5K1)(1-396aa), fused with C-terminal His tag, was expressed in Insect cells.
Species	Human
Source	Insect cells
ProteinLength	1-396aa
Tag	C-His
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	47.3 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

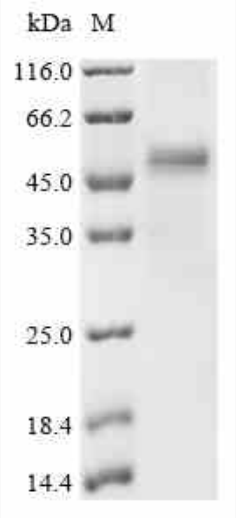
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	MAFAPMGPEASFFDVLDRHRESLLAALRRGGREPPTGGSRLASSSEVLASIENIIQDI ITSLARNEAPAFTIDNRSSWENIKFEDSVGLQMVSHCTTRKIKSDSPKSAQKFSLILKI LSMIYKLVQSNTYATKRDIYYTDSQLFGNQTVVDNIINDISCMLKVSRRSLHILSTSKG LIAGNLRYIEEDGTKVNCTCGATAVAVPSNIQGIRNLVTDAKFVLIVEKDATFQRLLDD NFCNKLSPCIMITGKGVPDLNTRLLVKKLWDTFHVPVFTLVDADPHGIEIMCIYKYGS MSMSFEAHHLTVPAIRWLGLLPSDLKRLNVPKDSLIPLTKRDQMKLDSILRRPYVTCQ 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA