



Recombinant Arabidopsis thaliana Meiotic recombination protein SPO11-1 (SPO11-1)

Product Code	CSB-EP868126DOA-B
Abbreviation	SPO11-1
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.	Q9M4A2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MEGKFAISES TNLLQRIKDF TQSVVVDLAE GRSPKISINQ FRNYCMNPEA DCLCSSDKPK GQEIFTLKKE PQTYRIDMLL RVLLIVQQLL QENRHASKRD IYYMHPSAFK AQSIVDRAIG DICILFQCSR YNLNVVSVGN GLVMGWLFKFR EAGRKFDCLN SLNTAYPPV LVEEVEDIVS LAEYILVVEK ETVFQRLAND MFCKTNRCIV ITGRGYPDVS TRRFLRLLE KLHLPVHCLV DCDPYGFEIL ATYRFGSMQM AYDIESLRAP DMKWLGAFPS DSEVYSVPKQ CLLPLTEEDK KRTEAMLLRC YLKREMPQWR LELETMLKRG VKFEIEALSV HSLSLFLSEVY IPSKIRREVS SP
Source	E.coli
Target Names	SPO11-1
Protein Names	Recommended name: Meiotic recombination protein SPO11-1 Short name= AtSPO11-1
Expression Region	1-362
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
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.