



Recombinant Arabidopsis thaliana DNA topoisomerase 6 subunit A (TOP6A)

Product Code	CSB-MP864897DOA
Abbreviation	TOP6A
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.	Q9LZ03
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MADKKKRKRS KDDEAEELPF KSILESDDVI TELLKSYISS SIKAAAGAGG ASSSSSKPLT LADLSLSSSC REVADLSLSS VQTEIETVIV QIARSILAGD GFSFSVPSRA ASNQLYVPEL DRIVLKDKST LRPFASVSSV RKTITRIL ALIHQLCLRNIHVTKRDLFY TDVKLFQDQT QSDAVLDDVS CMLGCTRSSL NVIAAEKGVV VGRLIFSDNG DMIDCTKMGGM GGKAIPPNIID RVGDMQSDAM FILLVEKDAA YMRLAEDRFY NRPFCIVTA KGQPDVATRL FLRKMKMELK LPVLALVDSY PYGLKILSVY GCGSKNMSYD SANLTPDIK WLGIRPSDL KYKIPEQCRL PMTEQDIKTG KDMLEEDFVK KNPGWVEELN LMVKTQKQAE IQALSSFGFQ YLSEVYLPLK LQQQDWL
Source	Mammalian cell
Target Names	TOP6A
Protein Names	Recommended name: DNA topoisomerase 6 subunit A Short name= AtTOP6A Alternative name(s): Meiotic recombination protein SPO11-3 Short name= AtSPO11-3 Protein BRASSINOSTEROID INSENSITIVE 5 Protein ROOT HAIRLESS 2
Expression Region	1-427
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.



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