



Recombinant Arabidopsis thaliana Mitogen-activated protein kinase 10 (MPK10)

Product Code	CSB-EP013449DOA-B
Abbreviation	MPK10
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.	Q9M1Z5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MEPTNDAETL ETQGEVTTAI WPSSQILKTT IDIPGTLSHD GRYIQYNLFG HIFELPAKYK PPIRPIGRGA CGIVCSAVDS ETNEKVAIKK ITQVFDNTIE AKRTLREIKL LRHFDHENIV AIRDVILPPQ RDSFEDVYIV NELMEFDLYR TLKSDQELTK DHGMYFMYQI LRGLKYIHSA NVLHRDLKPS NLLLSTQCDL KICDFGLARA TPESNLMTEY VVTRWYRAPE LLLGSSDYTA AIDVWSVGC FMEIMNREPL FPGKDQVNQL RLLLELIGTP SEEELGSLSE YAKRYIRQLP TLPRQSFTEK FPNVPLAID LVEKMLTFDP KQRISVKEAL AHPYLSSFHD ITDEPECSEP FNFDLDEHPF SEEQFRELIY CEALAFNPET SND
Source	E.coli
Target Names	MPK10
Protein Names	Recommended name: Mitogen-activated protein kinase 10 Short name= AtMPK10 Short name= MAP kinase 10 EC= 2.7.11.24
Expression Region	1-393
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.