



Recombinant Arabidopsis thaliana Mitogen-activated protein kinase 5 (MPK5)

Product Code	CSB-EP655094DOA-B
Abbreviation	MPK5
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.	Q39025
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MAKEIESATD LGDTNIKGVL VHGGRYFQYN VYGNLFEVSN KYVPPIRPIG RGAYGFVCAA VDSETHEEIA IKKIGKAFDN KVDKRTLRE IKLLRHLEHE NVVVIKDIIR PPKKEDFVDV YIVFELMDTD LHQIIRSNQS LNDDHCQYFL YQILRGLKYI HSANVLHRDL KPSNLLLNSN CDLKITDFGL ARTTSETEYM TEYVVTRWYR APELLLSSE YTSAIDVWSV GCIFAEIMTR EPLFPGKDYV HQLKLITELI GSPDGASLEF LRSANARKYV KELPKFPRQN FSARFPSMNS TAIDLLEKML VFDPVKRITV EEALCYPYLS ALHDLNDEPV CSNHFSHFHE DPSSTEEEEK ELVWLESVKF NPLPSI
Source	E.coli
Target Names	MPK5
Protein Names	Recommended name: Mitogen-activated protein kinase 5 Short name= AtMPK5 Short name= MAP kinase 5 EC= 2.7.11.24
Expression Region	1-376
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.