



Recombinant Arabidopsis thaliana Mitogen-activated protein kinase 7 (MPK7)

Product Code	CSB-YP013465DOA
Abbreviation	MPK7
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.	Q39027
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MAMLVEPPNG IKQQGKHYY S MWQTLFEIDT KYVPIKPIGR GAYGVVCS S I NRETNERVAI KKIHNVFENR VDALRTLREL KLLRHVRHEN VIALKDVMLP ANRSSFKDVY LVYELMDTDL HQIIKSSQSL SDDHCKYFLF QLLRGLKYLH SANILHRDLK PGNLLVNANC DLKICDFGLA RTSQGNEQFM TEYVVTRWYR APELLLCCDN YGTSIDVWSV GCIFAEILGR KPIFPGTECL NQLKLIINVV GSQQESDIRF IDNPKARRFI KSLPYSRGTH LSNLYPQANP LAIDLLQRML VFDPTKRISV TDALLHPYMA GLFDPGSNPP AHVPISLDID ENMEEPVIRE MMWNEMLYYH PEAEISNA
Source	Yeast
Target Names	MPK7
Protein Names	Recommended name: Mitogen-activated protein kinase 7 Short name= AtMPK7 Short name= MAP kinase 7 EC= 2.7.11.24
Expression Region	1-368
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.