



Recombinant *Oryza sativa* subsp. japonica Mitogen-activated protein kinase kinase 1 (MEK1)

Product Code	CSB-EP013409OFG-B
Abbreviation	MEK1
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.	Q5QN75
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MRGKKPHKEL KLSVPAQETP VDKFLTASGT FKDGELRLNQ RGLQLISEET ADEPQSTNLK VEDVQLSMDD LEMIQVIGKG SGGIVQLVRH KWVGTLYALK GIQMNIQEAV RKQIVQELKI NQATQNAHIV LCHQSFYHNG VIYLVLEYMD RGLADIKQ VKTILEPYLA VLCKQVLEGL LYLHHERHVI HRDIKPSNLL VNRKGEVKIT DFGVSAVLAS SMGQRDTFVG TYNMAPERI SGSSYDYKSD IWSLGLVILE CAIGRFPYIP SEGEGWLSFY ELLEAIVDQP PPSAPADQFS PEFCAFISSC IQKDPAERMS ASELLNHPFI KKFEDKDLDL RILVESLEPP MNISE
Source	E.coli
Target Names	MKK1
Protein Names	Recommended name: Mitogen-activated protein kinase kinase 1 Short name= MAP kinase kinase 1 Short name= MAPKK1 EC= 2.7.12.2 Alternative name(s): OsMEK1
Expression Region	1-355
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.