



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

<b>Product Code</b>	CSB-YP013409OFG
<b>Abbreviation</b>	MEK1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q5QN75
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Yeast
<b>Target Names</b>	MKK1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-355
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.