



Recombinant *Oryza sativa* subsp. *indica* Mitogen-activated protein kinase 5 (MPK5)

Product Code	CSB-EP384876OFF
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.	A2XFC8
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MDGAPVAEFR PTMTHGGRYL LYDIFGNKFE VTNKYQPPIM PIGRGAYGIV CSVMNFETRE MVAIKKIANA FNNDMDAKRT LREIKLLRHL DHENIIGIRD VIPPPIPQAF NDVYIATELM DTDLHHIIRS NQELSEEHCQ YFLYQILRGL KYIHSANVIH RDLKPSNLLL NANCCLKICD FGLARPSSES DMMTEYVVTR WYRAPELLLN STDYSAAIDV WSVGCFMEL INRQPLFPGR DHMHQMRLIT EVIGTPTDDE LGFIRNEDAR KYMRHLPQYP RRTFASMFPR VQPAALDLIE RMLTFNPLQR ITVEEALDHP YLERLHDIAD EPICLEPFSF DFEQKALNED QMKQLIFNEA IEMNPNIRY
Source	E.coli
Target Names	MPK5
Protein Names	Recommended name: Mitogen-activated protein kinase 5 Short name= MAP kinase 5 EC= 2.7.11.24 Alternative name(s): Benzothiadiazole-induced MAP kinase 1 MAP kinase 2 Multiple stress-responsive MAP kinase 2 OsBIMK1 OsMAP
Expression Region	1-369
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.