



# Recombinant *Xenopus laevis* Mitogen-activated protein kinase 14 (mapk14)

<b>Product Code</b>	CSB-MP013453XBE
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P47812
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Xenopus laevis</i> (African clawed frog)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSSNQSYVFY RQELNKTLWE VPDRYQNLTP VGSGAYGSVC SSFDTRTALR IAVKKLSRPF QSIIHAKRTY RELRLLKHMK HENVIGLLDV FSPAJSFEEF NDVYLVTHLM GADLNNIVKC QKLTDDHVQF LIYQILRGLK YIHSAGIIHR DLKPSNLAVN EDCELKILDF GLARHTDEEM TGYVATRWR YR APEIMLNWMH YNQTVDIWSV GCIMAELLTG RTLFPDTHI DQLKLILRLV GTPEPELLQK ISSEAARNYI QSLPYMPKMN FEDVFLGANP QAVDLLEKML VLDTDKRITA AEALAHSYFA QYHDPDDEPI AEPYDQSFES RELDIEEWKR LTYEEVTCFV PPPLDSEEME S
<b>Source</b>	Mammalian cell
<b>Target Names</b>	mapk14
<b>Protein Names</b>	Recommended name: Mitogen-activated protein kinase 14 Short name= MAP kinase 14 Short name= MAPK 14 EC= 2.7.11.24 Alternative name(s): Mitogen-activated Mitogen-activated protein kinase 2 Short name= MAP kinase 2 Sh
<b>Expression Region</b>	1-361
<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.