



# Recombinant *Saccharomyces cerevisiae* Mitogen-activated protein kinase HOG1 (HOG1)

<b>Product Code</b>	CSB-MP339267SVG
<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>	P32485
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	TTNEEFIRT QIFGTVFEIT NRYNDLNPVG MGAFLVCSA TDTLTSQPVA IKKIMKPFST AVLAKRTYRE LKLLKHLRHE NLICLQDIFL SPLEDIYFVT ELQGTDLHRL LQTRPLEKQF VQYFLYQILR GLKYVHSAGV IHRDLKPSNI LINENCDLKI CDFGLARIQD PQMTGYVSTR YYRAPEIMLT WQKYDVEVDI WSAGCIFAEM IEGKPLFPGK DHVHQFSIIT DLLGSPPKDV INTICSENTL KFVTSPLHRD PIPFSERFKT VEPDAVDLLE KMLVFDPKKR ITAADALAHP YSAPYHDPTD EPVADAKFDW HFNDADLPVD TWRVMMYSEI LDFHKIGGSD GQIDISATFD DQVAAATAAA AQAQAQAQAQ VQLNMAAHSH NGAGTTGNDH SDIAGGNKVS DHVAANDTIT DYGNQAIQYA NEFQQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	HOG1
<b>Protein Names</b>	Recommended name: Mitogen-activated protein kinase HOG1 Short name= MAP kinase HOG1 EC= 2.7.11.24 Alternative name(s): High osmolarity glycerol response protein 1
<b>Expression Region</b>	2-435
<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 of Mature 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.