



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

Product Code	CSB-YP339267SVG
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.	P32485
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	Yeast
Target Names	HOG1
Protein Names	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
Expression Region	2-435
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 of Mature 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.