



Recombinant *Ashbya gossypii* Mitogen-activated protein kinase HOG1 (HOG1)

Product Code	CSB-MP748327DOT
Abbreviation	HOG1
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.	Q750A9
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MASQEEFYRT QIFGTVFEIT NRYADLNPVG MGAFLVCSA VDTYTQQPVA IKKIMKPFST AVLAKRTYRE LKLLKHLRHE NLICLEDIFL SPLEDIYFVT ELQGTDLHRL LQTRPLEKQF LQYFLYQILR GLKYVHSAGV IHRDLKPSNI LINENCDLKI CDFGLARIQD PQMTGYVSTR YYRAPEIMLT WQKYNVEVDI WSAGCIFAEM IEGKPLFPGK DHVHQFSIIT DLLGSPPKDV IDTICSENTL KFVTSPLHRD PVPFTERFKN LKPDVDLLE KMLVDFPKKR ITAGDALTHP YLAPYHDPTD EPVADAKFDW NFNDADLPVD TWRVMMYSEI LDFHQVPDSQ INPNDTFDDQ VAAATAAAEA ARQQQQQKQQ QKQKQQQRHQ GVEHGAQHVQ LQHGAKQLSA DPLVGDSNGG IPLNVSAANE TLNNFANQAA QYATDFE
Source	Mammalian cell
Target Names	HOG1
Protein Names	Recommended name: Mitogen-activated protein kinase HOG1 Short name= MAP kinase HOG1 EC= 2.7.11.24
Expression Region	1-447
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.