



# Recombinant *Saccharomyces cerevisiae* Mitogen-activated protein kinase SLT2/MPK1 (SLT2)

<b>Product Code</b>	CSB-MP311486SVG
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q00772
<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>	MADKIERHTF KVFNQDFSVD KRFQLIKEIG HGAYGIVCSA RFAEAAEDTT VAIKKVTNVF SKTLLCKRSL RELKLLRHFR GHKNITCLYD MDIVFYPDGS INGLYLYEEL MECDMHQIHK SGQPLTDAHY QSFTYQILCG LKYIHSADVL HRDLKPGNLL VNADCQLKIC DFGLARGYSE NPVENSQFLT EYVATRWWYRA PEIMLSYQGY TKAIDVWSAG CILAEFLGGK PIFKGKDYVN QLNQILQVLG TPPDETLRRI GSKNVQDYIH QLGFIKVPF VNLYPNANSQ ALDLLEQMLA FDPQKRITVD EALEHPYLSI WHDPADEPVC SEKFESFES VNDMEDLKQM VIQEVQDFRL FVRQPLLEEQ RQLQLQQQQQ QQQQQQQQQQ QPSVDVNGNA AASEENYPKQ MATSNSVAPQ QESFGIHSQN LPRHDADFPP RPQESMMEMR PATGNTADIP PQNDNGTLLD LEKELEFGLD RKYF
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SLT2
<b>Protein Names</b>	Recommended name: Mitogen-activated protein kinase SLT2/MPK1 Short name= MAP kinase MPK1 EC= 2.7.11.24
<b>Expression Region</b>	1-484
<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.