



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

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| <b>Product Code</b>      | CSB-EP311486SVG-B  |
| <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<br>VAIKKVTNVF SKTLLCKRSL RELKLLRHFR GHKNITCLYD MDIVFYPDGS<br>INGLYLYEEL MECDMHQIHK SGQPLTDAHY QSFTYQILCG LKYIHSADVL<br>HRDLKPGNLL VNADCQLKIC DFGLARGYSE NPVENSQFLT EYVATRWWYRA<br>PEIMLSYQGY TKAIDVWSAG CILAEFLGGK PIFKGKDYVN QLNQILQVLG<br>TPPDETLRRI GSKNVQDYIH QLGFIKVPF VNLYPNANSQ ALDLLEQMLA<br>FDPQKRITVD EALEHPYLSI WHDPADEPVC SEKFESFES VNDMEDLKQM<br>VIQEVQDFRL FVRQPLLEEQ RQLQLQQQQQ QQQQQQQQQQ<br>QPSVDVNGNA AASEENYPKQ MATSNSVAPQ QESFGIHSQN LPRHDADFPP<br>RPQESMMEMR PATGNTADIP PQNDNGTLLD LEKELEFGLD RKYF |
| <b>Source</b>            | E.coli   |
| <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.  |