



# Recombinant *Saccharomyces cerevisiae*

## Maintenance of telomere capping protein 4 (MTC4)

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| <b>Product Code</b>      | CSB-CF336438SVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Uniprot No.</b>       | P38335                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Product Type</b>      | Transmembrane Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen Species</b> | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | <p>MTHTNEHDHKAEEQQNGRGDTTETVNPQKMKLVTLLIDNKFGLMDDLNFSL<br/>PLTASSE</p> <p>GVPISAKTSELGTEYLKNQQENSVSPILPISRSTRIKADRVRIYLDYYNILERCI<br/>SIDS</p> <p>SQNHHEGVVEGVYNPLQVIRNRKLKKKHHELPTREFYTTKHPIIAIKQFSKKPNK<br/>KMPWFV</p> <p>DINEKYMDLTWRTSHWEELVDPQGKLWFQSYSPSNESSGSSSSRRHHGHHI<br/>HPRRLQHH</p> <p>SRVRTANSVHSNTQSLTPKRVMTNEEDNNNNHNNNNMITKIATTPEAQISRNNK<br/>SDLNLSH</p> <p>IHLEVPITNTVTNTSSDQGLIEAKGSSYGGDRRGSSNTSGSGGKRNSKHRY<br/>SKSAGPP</p> <p>ENEKSRMNGLEKIISKTSKGWSRSPKKNTPGLEKQVLLNPTISNGGTSRRSSN<br/>NGESIST</p> <p>NSSKSSMGITFGNTETYKTPVDNGKDAIRQSLLSEVPVHTLRGKTSNRSLRAE<br/>GEQALE</p> <p>SDKELPNGAGSIYEGAPREKTTSGSEPVLVSDSLQVDEQLQRYWHDTRYI<br/>MSTVAMMQ</p> <p>HRRETHDIVKRREIARRNEIETQDADTNIRKTADALTQYDNELNKVLKLGNDW<br/>TSKLLN</p> <p>DYSIRVETLISSDRILSDINTTLTKLKMFEQENTERYVTVKVMRAQKMTKTIYRL<br/>LEFG IVLVLWTIWFLFSVLRSIRFTIFLVLKIIKALLW</p> |
| <b>Source</b>            | in vitro E.coli expression system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Target Names</b>      | MTC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Names</b>     | Recommended name: Maintenance of telomere capping protein 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Expression Region</b> | 1-694                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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>Shelf Life</b>        | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



of lyophilized form is 12 months at -20°C/-80°C.