



# Recombinant *Saccharomyces cerevisiae* Cytoplasmic tRNA 2-thiolation protein 2 (NCS2)

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| <b>Product Code</b>      | CSB-EP003313SVP  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | B3LNX6   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Saccharomyces cerevisiae</i> (strain RM11-1a) (Baker's yeast)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MECQRCPASA RNPATVESRK EKFCDECFIK FVSTKQRKQM MKDEYFRNLF<br>KVIYPFEKEG SVSKILLPLS LSDSGSLVML DIVHDLLEQ TKQHNNRTGF<br>TVDVLTVFTE ENVSVIKERM ESLINEKMSQ LNKISNIFNV HFIDVNEFFN<br>NASEVSTFII DNENFEIFSK SKSVDDSNIL TLKEILGKYC LNSSRSDLI<br>SIIKTQLIKH FAYENGYNAI MWGHSMTKLS EVIISLVVKG KGSQIATFLD<br>SESFDTLNNK PCKYKNLYPM KDLLSVEIES FLQIRNLAQF LINVEETNVK<br>PNCLIARKSL PSLGQQKLVK NMTINEITNK YFQDIQNDYS NIISTVLRTA<br>DKLTQPKSSM AKPSQCQICQ SKIYTNPSNW LNRITVTSPY PVETTEEKYL<br>FKQWQDSKLG QSHTHYVELL NEIKQGASNS LDVEDGDVKL CYGCLILLNT<br>SIKDKNLVWP KVDTMDITAN ATNNNKELSQ ILDQFEINS D GEE |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | NCS2   |
| <b>Protein Names</b>     | Recommended name: Cytoplasmic tRNA 2-thiolation protein 2<br>Alternative name(s): Needs CLA4 to survive protein 2<br>Thiolation of uridine in cytoplasmic tRNA protein 2   |
| <b>Expression Region</b> | 1-493  |
| <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.<br>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.   |