



# Recombinant *Schizosaccharomyces pombe* Glycylpeptide N-tetradecanoyltransferase (nmt1)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP524996SXV-B  |
| <b>Storage</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.   |
| <b>Uniprot No.</b>       | O43010   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MDNENNKNTK NSQQDSSFSE GGIRELLDRL ALRSLIEKEE AAAPPKTYED<br>FKFWKTQPVP KFDDECTQEG PIDPNTDINQ VPREPYRLK EFEWATIDVT<br>NDNELSEVHE LLTENYVEDA TAMLRFAYIS EFLRWALMPP GYVKEWHVGV<br>RVKSSRKLVA FISAVPLSIR VRDKIIKKCA EVNFLCIHKK LRSKRLTPLL<br>IKEVTRRCHL ENVWQAVYTA GVLLPSPVSL SRYMHRSLNW KKLYDIGFAP<br>FPLGSTEKKE TAKYHLPNT QTPGLRPMEL KDVPAVQSLL SQYMERFELA<br>HLFSEEEVRH WFLYTDKISS GPVWVSYYVE NPESKITDF FSFYSPLSTV<br>IGNPKYKDIQ AAYLYYYASD SCPKDLSSSES QLAFVERCKL IVNDALILAK<br>KFHFDVFNVA TVLDNNLFLK DLKFGEGDGF LNYIYNYNC PKIPGGIDAS<br>KSVDYSRPSG MGFVMI |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | nmt1   |
| <b>Protein Names</b>     | Recommended name: Glycylpeptide N-tetradecanoyltransferase EC= 2.3.1.97<br>Alternative name(s): Myristoyl-CoA:protein N-myristoyltransferase Short name=<br>NMT Peptide N-myristoyltransferase   |
| <b>Expression Region</b> | 1-466  |
| <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.