



Recombinant *Saccharomyces cerevisiae* 5-formyltetrahydrofolate cyclo-ligase (FAU1)

| | |
|--------------------------|---|
| Product Code | CSB-MP015159SVG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P40099 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MATKQLLRQ IKRVINALDY DIIAAESHTI SQAVRSLIAS ANSRRVACYM SMDKGEVTTG EIIKNLFQDG QEVFLPRCTH TSESKHFKLR EDHHPHLIFH RMSSLKMVRD LKPQGPYQLK EPEPHIEESD ILDVVLVPGV AFDIKTGARM GHGAGYYDDF FQRYKILHEG QKPLLVLGLCL MEQVASPIPL EKHDYSMDCI VCGDGSIHWF Q |
| Source | Mammalian cell |
| Target Names | FAU1 |
| Protein Names | Recommended name: 5-formyltetrahydrofolate cyclo-ligase EC= 6.3.3.2 Alternative name(s): 5,10-methenyl-tetrahydrofolate synthetase Short name= MTHFS Short name= Methenyl-THF synthetase |
| Expression Region | 1-211 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Reconstitution | 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. |
| Shelf Life | 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. |