



Recombinant Thiamine-phosphate synthase (thiE)

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|--------------------------|---|
| Product Code | CSB-MP813848EGX |
| Abbreviation | thiE |
| Storage | 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. |
| Uniprot No. | Q8FB78 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MYQPEFPPVP FRLGLYPVVD SVQWIERLLD AGVRTLQLRI KDQRDEEVEA DVVAAIALGR RYNARLFIND YWRLAIKHQA YGVHLGQEDL QATDLSTIRA AGLRLGVSTH DDMEIDVALA ARPSYIALGH VFPTQTKQMP SAPQGLEQLA RHVERLADYP TVAIGGISLA RAPAVIATGV GSIAVVSAIT QAADWRLATA QLLEIAGVGD E |
| Source | Mammalian cell |
| Target Names | thiE |
| Protein Names | Recommended name: Thiamine-phosphate synthase Short name= TP synthase Short name= TPS EC= 2.5.1.3 Alternative name(s): Thiamine-phosphate pyrophosphorylase Short name= TMP pyrophosphorylase Short name= TMP- PPase |
| 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. |