



Recombinant Thiamine-phosphate synthase (thiE)

Product Code	CSB-EP813848EGX
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	E.coli
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.