



Recombinant Zea mays Thiamine thiazole synthase 1, chloroplastic (THI1-1)

Product Code	CSB-EP677068ZAX
Abbreviation	THI1-1
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.	Q41738
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	ASMSM SSSNPPYDLT SFRFSPIKES IVSREMTRRY MTDMITYADT DVVIVGAGSA GLSCAYELSK DPAVSIAIVE QSVSPGGGAW LGGQLFSAMV VRKPAHLFLD ELGVAYDEAE DYVVIKHAAL FTSTVMSLLL ARPNVKLFNA VAVEDLIVRG GRVGGVVTNW ALVSMNHDTQ SCMDPNVMEA KVVVSSCGHD GPFGATGVKR LQDIGMISAV PGMKALDMNT AEDEIVRLTR EVPGMIVTG MEVAEIDGAP RMGPTFGAMM ISGQKAAHLA LKALGRPNAV DGTMSPLRE ELMIAKDDDE VVDA
Source	E.coli
Target Names	THI1-1
Protein Names	Recommended name: Thiamine thiazole synthase 1, chloroplastic Alternative name(s): Thiazole biosynthetic enzyme 1
Expression Region	46-354
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 of Mature 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.