



Recombinant Paenibacillus thiaminolyticus

Thiaminase-1

Product Code	CSB-EP332698PAI-B
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.	P45741
Product Type	Recombinant Protein
Immunogen Species	Paenibacillus thiaminolyticus (Bacillus thiaminolyticus)
Purity	>85% (SDS-PAGE)
Sequence	A AHSDASSDIT LKVAIYPYVP DPARFQAAVL DQWQRQEPGV KLEFTDWDSY SADPPDDL DV FVLDSIFLSH FVDAGYLLPF GSQDIDQAED VLPFALQGAK RNGEVYGLPQ ILCTNLLFYR KGDLKIGQVD NIYELYKKIG TSHSEQIPPP QNKGLLINMA GGTTKASMYL EALIDVTGQY TEYDLLPPLD PLNDKVIRGL RLLINMAGEK PSQYVPEDGD AYVRASWFAQ GSGRAFIGYS ESMMRMGDYA EQVRFKPISS SAGQDIPLFY SDVVSVNSKT AHPELAKKLA NVMASADTVE QALRPQADGQ YPQYLLPARH QVYEALMQDY PIYSELAQIV NKPSNRVFR L GPEVRTWLKD AKQVLPEALG LTDVSSLAS
Source	E.coli
Protein Names	Recommended name: Thiaminase-1 EC= 2.5.1.2 Alternative name(s): Thiaminase I Thiamine pyridinylase
Expression Region	30-409
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.