



Recombinant *Geobacillus stearothermophilus* Aliphatic amidase

Product Code	CSB-EP874250GFM-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.	Q9RQ17
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MRHGDISSSH DTVGVAVVNY KMPRLHTKKE VIENAKNIAN MIVGMKQGLP GMDLVIFPEY STMGIMYDRK EMFETATTIP GPETEIFAFAE CRKANTWGVF SLTGEQHEEH PHKNPYNTLV LINNKGEIVQ KYRKIIPWCP IEGWYPGDTT YVTEGPKGIK ISLIICDDGN YPEIWRDCAM KGAELIVRCQ GYMYPAKEQQ IMMAKTMAWA NNVYVAVANA TGFDGVYSYF GHSIIIGFDG RTLGECGEEE NGIQYAEISL SQIRDFRQNA QSQNHFLFKLL HRGYTGIIQS GEGDKGVAEC PFDYRTWVM DAEKARENVE KITRTTIGTA ECPIEGIPHE GKEKEASV
Source	E.coli
Protein Names	Recommended name: Aliphatic amidase EC= 3.5.1.4 Alternative name(s): Acylamide amidohydrolase Wide spectrum amidase
Expression Region	1-348
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.