



Recombinant Bacillus sp. 3-phytase (phy)

Product Code	CSB-EP526518BRF-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.	O66037
Product Type	Recombinant Protein
Immunogen Species	Bacillus sp. (strain DS11)
Purity	>85% (SDS-PAGE)
Sequence	SDPYHFTVNA AAETEPVDTA GDAADDPAIW LDPKNPQNSK LITTNKKSGL AVYSLEGKML HSYHTGKLN VDIRYDFPLN GKKVDIAAAS NRSEGKNTIE IYAIDGKNGT LQSITDPNRP IASAIDEVYG FSLYHSQKTG KYYAMVTGKE GEFEQYELNA DKNGYISGKK VRAFKMNSQT EGMAADDEYG SLYIAEEDEA IWKFSAEPDG GSNGTVIDRA DGRHLTPDIE GLTIYYAADG KGYLLASSQG NSSYAIYERQ GQNKYVADFQ ITDGPETDGT SDTDGIDVLG FGLGPEYPPFG LFVAQDGENI DHGQKANQNF KMVPWERIAD KIGFHPQVNK QVDPKMTDR SGK
Source	E.coli
Target Names	phy
Protein Names	Recommended name: 3-phytase EC= 3.1.3.8 Alternative name(s): Myo-inositol-hexaphosphate 3-phosphohydrolase Phytate 3-phosphatase
Expression Region	31-383
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.