



Recombinant 3-phytase (phyC)

Product Code	CSB-EP518218BRI-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.	O31097
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis
Purity	>85% (SDS-PAGE)
Sequence	L SDPYHFTVNA AAETEPVDTA GDAADDPAIW LDPKTPQNSK LITTNKKSGL VVYSLDGKML HSYNTGKLN VDIRYDFPLN GKKVDIAAAS NRSEGKNTIE IY AIDGKNGT LQSMTDPDHP IATAINEVYG FTLYHSQKTG KY YAMVTGKE GEFEQYELKA DKNGYISGKK VRAFKMNSQT EGMAADDEYG RLYIAEEDEA IWKFSAEPDG GSNGTVIDRA DGRHLTRDIE GLTIYYAADG KGYLMASSQG NSSYAIYDRQ GKNKYVADFR ITDGPETDGT SDTDGIDVLG FGLGPEYPPFG IFVAQDGENI DHGQKANQNF KIVPWERIAD QIGFRPLANE QVDPRKLTDR SGK
Source	E.coli
Target Names	phyC
Protein Names	Recommended name: 3-phytase EC= 3.1.3.8 Alternative name(s): MYO-inositol-hexaphosphate 3-phosphohydrolase Phytate 3-phosphatase
Expression Region	30-383
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.