



Recombinant *Vibrio harveyi* Phosphonoacetaldehyde hydrolase (phnX)

Product Code	CSB-EP419194VEA-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.	A7N333
Product Type	Recombinant Protein
Immunogen Species	<i>Vibrio campbellii</i> (strain ATCC BAA-1116 / BB120)
Purity	>85% (SDS-PAGE)
Sequence	MSNSPIQAVI FDWAGTIVDF GSFAPTSIFV EAFKQGDFE IDLEEAREPM GLGKWDHIQA VGRIPAVDKR WNEKFGSMT SEDIDAIYAA FMPLQKAKVA DHADPILNAI EVVNLKDKG IKIGSCSGYP REVMDVLIPV AADYGYKPDY VVATDDLPPG GRPAPFMALK NVIELNVTDV NACIKVDDAA PGIDEGHNAG MWTVGLLLSG NEAGLTFFEEY QAADEATLNA AREKARAKLL KSSPHYLIDT IADFPEVVAD IERRLAAGER P
Source	E.coli
Target Names	phnX
Protein Names	Recommended name: Phosphonoacetaldehyde hydrolase Short name= Phosphonatase EC= 3.11.1.1 Alternative name(s): Phosphonoacetaldehyde phosphonohydrolase
Expression Region	1-271
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.