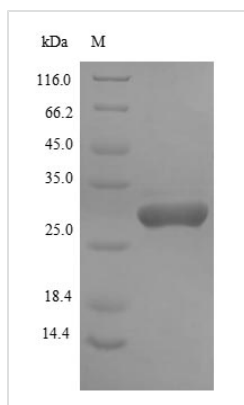




Recombinant Prevotella intermedia Alkaline phosphatase

Product Code	CSB-EP001633EYGd1
Relevance	Acts against tyrosine-phosphatases.
Abbreviation	Recombinant Prevotella intermedia Alkaline phosphatase protein
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.	P81800
Product Type	Recombinant Protein
Immunogen Species	Prevotella intermedia
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	TDMLAVSVSSTDAIGHKYGT
Research Area	others
Source	E.coli
Protein Names	PiALP
Expression Region	1-20aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-GST-tagged and C-terminal Myc-tagged
Mol. Weight	32.1 kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The recombinant Prevotella intermedia Alkaline phosphatase is generated in E. coli and contains a 10xHis-GST tag at the N-terminus and a Myc tag at the C-



terminus. This protein is expressed using recombinant DNA technology, and the expression region corresponds to the amino acids 1-20 of the full-length *Prevotella intermedia* Alkaline phosphatase sequence. The purity of this recombinant *Prevotella intermedia* Alkaline phosphatase is determined to be greater than 85% using SDS-PAGE analysis.

Alkaline phosphatases are enzymes that hydrolyze phosphate groups from various molecules under alkaline conditions. They are commonly used in molecular biology techniques, such as dephosphorylation of DNA or RNA to prevent self-ligation during cloning procedures.

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

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