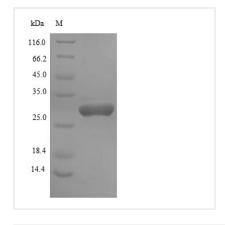




# Recombinant Prevotella intermedia Alkaline phosphatase

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		
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Protein Length Full Length Image	Tag Info	N-terminal 10xHis-GST-tagged and C-terminal Myc-tagged
Image	Mol. Weight	32.1 kDa
	Protein Length	Full Length
	Image	(Tria Chyaina gall Discontinuous SDS BACE



(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-





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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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