



Datasheet for ABIN7273855

Alkaline Phosphatase Protein (ALP) (AA 21-501) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Alkaline Phosphatase (ALP)
Protein Characteristics:	AA 21-501
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Alkaline Phosphatase protein is labelled with His tag.

Product Details

Purpose:	Mouse Alkaline phosphatase (Intestinal type) /ALPI Protein
Sequence:	Ile21-Gly501
Characteristics:	Recombinant Mouse Alkaline phosphatase (Intestinal type) /ALPI Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ile21-Gly501.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	Alkaline Phosphatase (ALP)
Alternative Name:	Alkaline phosphatase (ALP Products)

Target Details

Background: Alkaline phosphatase can be considered "our favorite enzyme" for reasons apparent to those who diagnose and treat metabolic bone diseases or who study skeletal biology. Few might know, however, that alkaline phosphatase likely represents the most frequently assayed enzyme in all of medicine. Elevated activity in the circulation is universally recognized as a marker for skeletal or hepatobiliary disease.

Molecular Weight: 53.10 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.

NCBI Accession: [NP_001074551](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

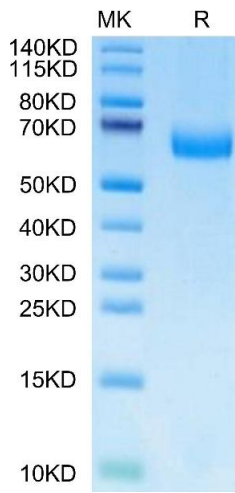
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse Alkaline Phosphatase on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .