

# Human Alkaline phosphatase / ALPP (His Tag) recombinant protein



Catalog Number: 502711

## General Information

### Gene Name Synonym

Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1

### Protein Construction

A DNA sequence encoding human ALPP (AAH09647.1) (Ile23-Asp506) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Yeast

## QC Testing

### Purity

> 80 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ile 23

### Molecular Mass

The recombinant human ALPP consists of 494

amino acids and predicts a molecular mass of 54.1 KDa. It migrates as an approximately 66 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50 mM Tris-Acetate, 1 mM EDTA, 20 % glycerol, pH 7.5.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

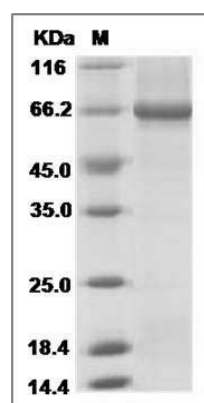
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human Alkaline phosphatase / ALPP Protein (His Tag) SDS-PAGE