

PRODUCT INFORMATION

Target ALPI IAP **Synonyms**

Recombinant human ALPI Protein with C-terminal **Description**

10×His tag

Delivery In Stock **Uniprot ID** P09923 **Expression Host HEK293**

Tag C-10×His tag

Molecular

Background

ALPI(Val20-Asp503) 10×His tag Characterization

The protein has a predicted molecular mass of

53.8 kDa after removal of the signal peptide. The apparent molecular mass of ALPI-His is **Molecular Weight**

approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue nonspecific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought to function in the

detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut.

[provided by RefSeq, Dec 2014]

Usage Research use only Conjugate Unconjugated







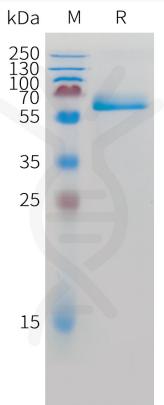


Figure 1. Human ALPI Protein, His Tag on SDS-PAGE under reducing condition.

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