

Recombinant Human ALPI Protein, GST-tagged

Cat. No. ALPI-490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALPI partial ORF (NP_001622, 74 a.a. - 162 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). 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]
Molecular Mass	35.53 kDa
AA Sequence	LKGQKNGKLGPEPLAMDRFPYLALSKTYNVDRQVPDSAATATAYLCGVKANFQTI GLSAAARFNQCNTTRGNEVISVMNRAKQAGKSV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ALPI alkaline phosphatase, intestinal [Homo sapiens]

Official Symbol ALPI

Synonyms ALPI; alkaline phosphatase, intestinal; intestinal-type alkaline phosphatase; Kasahara isozyme; glycerophosphatase; alkaline phosphomonoesterase; intestinal alkaline phosphatase; IAP;

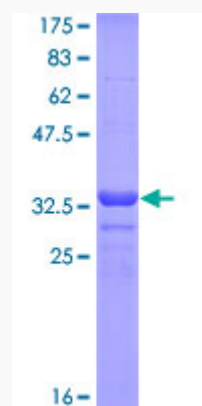
Gene ID 248

mRNA Refseq NM_001631

Protein Refseq NP_001622

MIM 171740

UniProt ID P09923



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12.5% SDS-PAGE Stained with Coomassie Blue.

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