

Intestinal-type alkaline phosphatase (ALPI) Recombinant Protein | ALPI recombinant protein

Recombinant Human Intestinal-type alkaline phosphatase (ALPI)

CATALOG # AAA113349	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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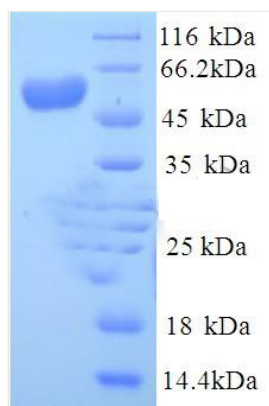
PRODUCT SYNONYMS

Intestinal-type alkaline phosphatase (ALPI); Recombinant Human Intestinal-type alkaline phosphatase (ALPI); ALPI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-503aa; Full Length of Mature Protein
Sequence	VIPAEENPA FWNRQAAEAL DAAKKLQPIQ KVAKNLILFL GDGLGVPTVT ATRILKGQKN GKLGPETPLA MDRFPYLALS KTYNVDRQVP DSAATATAYL CGVKANFQTI GLSAAARFNQ CNTTRGNEVI SVMNRAKQAG KSVGVTTR VQHASPAGTY AHTVNRNWYS DADMPASARQ EGCQDIATQL ISNMDIDVIL GGGRKYMFP GTPDPEYPAD ASQNGIRLDG KNLVQEWLAK HQGAWYVWNR TELMQASLDQ SVTHLMGLFE PGDTKYEIHR DPTLDPSLME MTEAALRLLS RNPRGFYLFV EGGRIDHGH EGVAYQALTE AVMFDDAIER AGQLTSEEDT LTLVTADHSH VFSFGGYTLR GSSIFGLAPS KAQDSKAYTS ILYGNPGYV FNSGVRPDVN ESESGSPDYQ QQAAPLSSE THGGEDVAVF ARGPQAHLVH GVQEQSFAH VMAFAACLEP YTACDLAPPA CTTD
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ALPI recombinant protein	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 upregulated during small intestinal epithelial cell differentiation.
Product Categories/Family for ALPI recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266292
NCBI GeneID	248
NCBI Accession #	NP_001622.2
NCBI GenBank Nucleotide #	NM_001631.4
UniProt Accession #	P09923; Q53S80; Q9UBV5; Q9UCL2; B2R7Y4
Molecular Weight	54.4 kDa
NCBI Official Full Name	intestinal-type alkaline phosphatase
NCBI Official Synonym Full Names	alkaline phosphatase, intestinal
NCBI Official Symbol	ALPI
NCBI Official Synonym Symbols	IAP
NCBI Protein Information	intestinal-type alkaline phosphatase
UniProt Protein Name	Intestinal-type alkaline phosphatase
UniProt Gene Name	ALPI
UniProt Synonym Gene Names	IAP; Intestinal alkaline phosphatase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.