

Intestinal-type alkaline phosphatase 1 (Alpi) Recombinant Protein | Alpi recombinant protein

Recombinant Rat Intestinal-type alkaline phosphatase 1 (Alpi)

CATALOG #
AAA114032

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Intestinal-type alkaline phosphatase 1 (Alpi); Recombinant Rat Intestinal-type alkaline phosphatase 1 (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	21-511aa; Full Length of Mature Protein
Sequence	VIPVEEENPV FWNQKAKEAL DVAKKLQPIQ TSAKNLILFL GDGMGVPTVT ATRILKGQLG GHLGPETPLA MDHFPFTALS KTYNVDRQVP DSAGTATAYL CGVKANYKTI GVSAAARFNQ CNSTFGNEVF SVMHRAKKAG KSVGVTTR VQHASPAGTY AHTVNRDWYS DADMPSSALQ EGCKDIATQL ISNMDIDVIL GGRKFMFPK GTPDPEYPGD SDQSGVRLDS RNLVEEWLAK YQGTRYVWNR EQLMQASQDP AVTRLMGLFE PTEMKYDVNR NASADPSLAE MTEVAVRLLS RNPQGFYLFV EGGRIDQGH AGTAYLALTE AVMFDSAIEK ASQLTNEKDT LTLITADSH VFAFGGYTLR GTSIFGLAPL NAQDGKSYTS ILYGNGPGYV LNSGNRPNVT DAESGDVNYK QQAAVPLSSE THGGEDVAIF ARGPQAHVH GVQE QNYIAH VMAFAGCLEP YDTCGLAPPA DENRPTTPVQ N
Species	Rat
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.

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130746
NCBI GeneID	24197
UniProt Accession #	P15693
Molecular Weight	58,402 Da
NCBI Official Full Name	Intestinal-type alkaline phosphatase 1
NCBI Official Synonym Full Names	alkaline phosphatase, intestinal
NCBI Official Symbol	Alpi
NCBI Official Synonym Symbols	Alp1; S51097

NCBI Protein Information	intestinal-type alkaline phosphatase 1
UniProt Protein Name	Intestinal-type alkaline phosphatase 1
UniProt Gene Name	Alpi
UniProt Synonym Gene Names	IAP-1; Intestinal alkaline phosphatase 1; IAP-I

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.

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Online datasheet: <https://stage.aaabiotech.com/alpi-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114032>