

ALKALINE PHOSPHATASE Active Protein | ALPI active protein

NATIVE CALF ALKALINE PHOSPHATASE

CATALOG #
AAA50488APPLICATIONS
ELISA

PRODUCT SYNONYMS

ALKALINE PHOSPHATASE; NATIVE CALF ALKALINE PHOSPHATASE; ALPI active protein

PRODUCT SPECIFICATIONS

Form/Format	Purified Purified AP from calf intestine - liquid
Concentration	Total protein concentration 18.0 mg/ml (varies by lot)
Sequence Length	533
Applicable Applications for ALPI active protein	ELISA
Preparation	Crystalline suspension. Free of endonuclease, exonuclease and RNase activities. Instructions For Use
Buffer Solution	70% Ammonium sulphate.
Activity	4000 U/mg protein.1 unit liberates 1 umole of p-nitrophenol per minute at 37 degree C and pH 9.8 in DEA buffer. Activity is determined by measuring the increase in the optical density at 405nm resulting from the hydrolysis of p-nitrophenyl phosphate.
Preparation and Storage	Store at -20 degree C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507183
NCBI GeneID	280993
UniProt Accession #	P19111 ; Q28124
Molecular Weight	110 - 150 kD
NCBI Official Full Name	Intestinal-type alkaline phosphatase
NCBI Official Symbol	ALPI
NCBI Official Synonym Symbols	IAP
NCBI Protein Information	intestinal-type alkaline phosphatase; intestinal alkaline phosphatase V
UniProt Protein Name	Intestinal-type alkaline phosphatase
UniProt Gene Name	ALPI
UniProt Synonym Gene Names	IAP; Intestinal alkaline phosphatase
UniProt Entry Name	PPBI_BOVIN

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/active-protein/alkaline-phosphatase/50488>