

Recombinant Human ALPP protein(Ile23-Asp506), His-tagged

Cat. No. ALPP-219H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALPP (AAH09647.1) (Ile23-Asp506) was expressed in Yeast with a polyhistidine tag at the C-terminus.
Species	Human
Source	Yeast
ProteinLength	Ile23-Asp506
Form	Lyophilized from sterile 50 mM Tris-Acetate, 1 mM EDTA, 20 % glycerol, pH 7. 5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ALPP consists of 494 amino acids and predicts a molecular mass of 54.1 KDa. It migrates as an approximately 66 KDa band in SDS-PAGE under reducing conditions.
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	ALPP alkaline phosphatase, placental [Homo sapiens]
Official Symbol	ALPP
Synonyms	ALPP; alkaline phosphatase, placental; alkaline phosphatase, placental (Regan isozyme); alkaline phosphatase, placental type; Regan isozyme; PLAP-1; glycerophosphatase; alkaline phosphomonoesterase; placental alkaline phosphatase 1; alkaline phosphatase Regan isozyme; ALP; PALP; PLAP; FLJ61142;
Gene ID	250
mRNA Refseq	NM_001632
Protein Refseq	NP_001623
MIM	171800
UniProt ID	P05187

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