

Recombinant Full Length Human Alkaline Phosphatase, Placental Type(Alpp) Protein, His-Tagged

Cat. No. RFL-27321HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Alkaline phosphatase, placental type(ALPP) Protein (P05187) (23-506aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (23-506)
Form	Lyophilized powder
AA Sequence	<p>IIPVEEENPDFWNREAAEALGAAKKLQPAQTAAKNLIIFLGDGMGVSTVTAARILKGQ KK DKLGP EIP LAMDRFPYVALSKTYNVDKHVPDSGATATAYLCGVKGNFQTIGLSAA ARFNQ CNTTRGNEVISVMNRAKKAGKSVGVTTRVQHASPAGTYAHTVNRNWYS DADVPASARQ EGCQDIATQLISNMDIDVILGGGRKYMFRMGTPDPEYPDDYSQGG TRLDGKNLVQEWLAK RQGARYVWNRT ELMQASLDPSVTHLMGLFEPGDMKYEIH RDSTLDPSLMEMTEAALRLLS RNPRGFFLFVEGGRIDHGHESRAYRAL TETIMFD DAIERAGQLTSEEDTSLV TADHSH VFSFGGYPLRGSSIFGLAPGKARDRKAYTVLL YGNPGYVLKDGARPDVTESESGSPEYR QQSAVPLDEETHAGEDVAVFARGPQA HLVHGVQEQT FIAHVMAFAACLEPYTACDLAPPA GTTD</p>
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	ALPP
Synonyms	ALPP; PLAP; Alkaline phosphatase, placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1
UniProt ID	P05187

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