



Recombinant Human ALPP Protein Product Manual

1. Product Basic Information

Product No.: REP06122

Protein Name: Alkaline Phosphomonoesterase (ALPP)

Aliases: ALP; PALP; PLAP; PLAP-glycerophosphatase; alkaline phosphomonoesterase; alkaline phosphatase, placental; alkaline phosphatase, placental type

UniProt ID: P05187

UniProt Link: <https://www.uniprot.org/uniprotkb/P05187/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (117-447aa)

Molecular Weight: 41.9 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (117-447aa)

TATAYLCGVKGNFQTIGLSAAARFNQCNTTRGNEVISVMNRAKKAGKSVGVTTR
VQHASPAGTYAHTVNRRNWYSDADVPASARQEGCQDIATQLISNMDIDVILGGGRKY
MFRMGTPDPEYPDDYSQGGTRLDGKNLVQEWLAKRQGARYVWNRTLMQASLD
PSVTHLMGLFEPGDMKYEIHRDSTLDPSLMEMTEAALRLLSRNPRGFFLFVEGGRI
DHGHESRAYRALTETIMFDDAIERAGQLTSEEDTLSLVTADHSHVFSFGGYPLRG
SSIFGLAPGKARDRKAYTVLLYGNGPGYVLKDGARPDVTESESGSPEYRQQSAV

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human ALPP partial protein (117-447aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ALPP, also known as ALP or PALP or PLAP, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.