

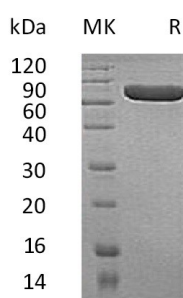
Product Name: Recombinant Human ALPP (C-6His)
Catalog #: PHH0043



Summary

| | |
|---------------------------------|---|
| Name | Alkaline Phosphatase/ALPP/PLAP/ALP/Akp2 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | Recombinant Human Alkaline Phosphatase, Placental Type is produced by our Mammalian expression system and the target gene encoding Ile23-Asp506 is expressed with a 6His tag at the C-terminus. |
| Accession # | P05187 |
| Host | Human Cells |
| Species | Human |
| Predicted Molecular Mass | 53.7 KDa |
| Formulation | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.2mM CaCl ₂ , 10% Glycerol, pH 7.5. |
| Shipping | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | |

SDS-PAGE image



Background

| | |
|--------------------------|---|
| Alternative Names | Alkaline phosphatase; placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; ALPP and PLAP |
| Background | ALPP is a membrane protein and exists as a homodimer. ALPP is expressed only in normal term placenta, endocervix and fallopian tube and also in ovarian and proximal gastrointestinal tumors. It has been shown to play a role in a number of |

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processes including cell signaling, long-term potentiation, and cell adhesion, however, the best known and most commonly studied role is implicated in Alzheimers research.

Note

For Research Use Only , Not for Diagnostic Use.