

Native Human ALPP

Cat. No. ALPP-8347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Native Human ALPP was purified from Placental Tissue.

Species Human

Source Placenta

Description Alkaline Phosphatase (ALP) is found in many different tissues and organs, including liver, bone, intestine, placenta, kidneys, lungs and red blood cells. Isoenzymes of the liver alkaline phosphatase and bone alkaline phosphatase fractions account for 80% of the activity found in normal blood. This activity increases in both liver disease and bone disease, hence ALP is most commonly utilized in diagnostic tests for these diseases.

Concentration >50 U/mg

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 R

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| Gene ID | 250 |
| mRNA Refseq | NM_001632 |
| Protein Refseq | NP_001623 |
| MIM | 171800 |
| UniProt ID | P05187 |
| Chromosome Location | 2q37.1 |
| Pathway | Folate biosynthesis, organism-specific biosystem; Folate biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem; |
| Function | alkaline phosphatase activity; alkaline phosphatase activity; hydrolase activity; metal ion binding; |

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