

# Recombinant Human ALPP

Catalog No: #GP11250



Package Size: #GP11250-1 100ug

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## Description

Product Name	Recombinant Human ALPP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 23-323 amino acids of human alkaline phosphatase, placental
Target Name	alkaline phosphatase, placental
Other Names	ALP; PALP; PLAP; PLAP-1
Accession No.	Swissprot:P05187Gene Accession:BC009647
Uniprot	P05187
GeneID	250;
Storage	-20~-80°C, pH 7.6 PBS

## Background

There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2 while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme, also referred to as the heat stable form, that is expressed primarily in the placenta although it is closely related to the intestinal form of the enzyme as well as to the placental-like form. The coding sequence for this form of alkaline phosphatase is unique in that the 3' untranslated region contains multiple copies of an Alu family repeat. In addition, this gene is polymorphic and three common alleles (type 1, type 2 and type 3) for this form of alkaline phosphatase have been well characterized.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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