

ALPL 抗原（重组蛋白）

中文名称：ALPL 抗原（重组蛋白）

英文名称：ALPL Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-329 amino acids of human ALPL

技术规格

Full name:	alkaline phosphatase, biomineralization associated
Synonyms:	HOPS; TNAP; TNALP; APTNAP; TNSALP; AP-TNAP
Swissprot:	P05186
Gene Accession:	BC110909
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the alkaline phosphatase family of proteins. 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 that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme may play a role in bone mineralization. M

utations in this gene have been linked to hypophosphatasia, a disorder that is characterized by hypercalcemia and skeletal defects.