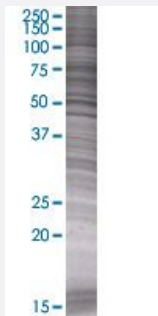


ALPP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000250-T01

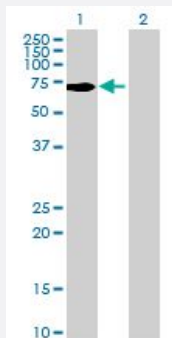
Size 100 uL

Applications



SDS-PAGE Gel

ALPP transfected lysate.



Western Blot

Lane 1: ALPP transfected lysate (58 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ALPP full-length
Host	Human
Theoretical MW (kDa)	58
Interspecies Antigen Sequence	Mouse (76); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ALPP antibody ([H00000250-B01](#)) by Western Blots.
SDS-PAGE Gel
ALPP transfected lysate.
Western Blot
Lane 1: ALPP transfected lysate (58 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ALPP

Entrez GeneID

[250](#)

GeneBank Accession#

[NM_001632.3](#)

Protein Accession#

[NP_001623.3](#)

Gene Name

ALPP

Gene Alias

ALP, FLJ61142, PALP, PLAP

Gene Description

alkaline phosphatase, placental (Regan isozyme)

Omim ID

[171800](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

alkaline phosphomonoesterase|glycerophosphatase|placental alkaline phosphatase

Pathway

- [Folate biosynthesis](#)
- [gamma-Hexachlorocyclohexane degradation](#)
- [Metabolic pathways](#)

Disease

- [Birth Weight](#)
- [Fetal Death](#)