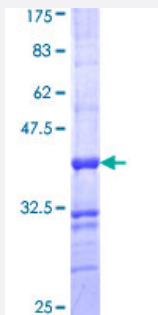


ALPPL2 (Human) Recombinant Protein (Q01)

Catalog # H00000251-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ALPPL2 partial ORF (NP_112603, 365 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SEEDTLSLVTADHSHVFSFGGYPLRGSSIFGLAPGKARDRKAYTVLLYGNGPGYVLKDGARPDVT EESGSPPEYRQQSAVPLDGETHAGE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (71)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ALPPL2

Entrez GeneID [251](#)

GeneBank Accession# [NM_031313](#)

Protein Accession# [NP_112603](#)

Gene Name ALPPL2

Gene Alias ALPG, ALPPL, GCAP

Gene Description alkaline phosphatase, placental-like 2

Omim ID [171810](#)

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 product of this gene is a membrane bound glycosylated enzyme, localized to testis, thymus and certain germ cell tumors, that is closely related to both the placental and intestinal forms of alkaline phosphatase. [provided by RefSeq]

Other Designations Nagao isozyme|germ cell alkaline phosphatase|placental-like alkaline phosphatase|testicular and thymus alkaline phosphatase

Pathway

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