

Recombinant Human ALPPL2 Protein, GST-tagged

Cat. No. ALPPL2-496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALPPL2 full-length ORF (AAH14139.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Jul 2008]
Molecular Mass	83.9 kDa
AA Sequence	MQGPWVLLLLGLRLQLSLGIIPVEEENPDFWNRQAAEALGAAKKLQPAQTAAKNLIIF LGDGMGVSTVTAARILKGQKKDKLGPETFLAMDRFPYVALSKTYSVDKHVPDSGAT ATAYLCGVKGNFQTIGLSAAARFNQCNTTRGNEVISVMNRAKKAGKSVGVTTRV QHASPAGAYAHTVNRNWYSDADVPASARQEGCQDIATQLISNMDIDVILGGGRKYM FPMGTPDPEYPDDYSQGGTRLDGKNLVQEWLAKRQGARYVWNRTELMQASLDPS VTHLMGLFEPGDMKYEIHRDSTLDPSLMEMTEAALRLLSRNPRGFFLFVEGGRIDHG HHESRAYRALTETIMFDDAIERAGQLTSEEDTSLSVTADHSHVFSFGGYPLRGSSIFG LAPGKARDRKAYTVLLYGNGPGYVLKDGARPDVTESESGSPEYRQQSAVPLDGET HAGEDVAVFARGPQAHLVHGVQEQTFAHVMAFAACLEPYTACDLAPRAGTTDAAH

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PGPSVVPALLPLLAGTLLLLGTATAP

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ALPPL2 alkaline phosphatase, placental-like 2 [Homo sapiens]

Official Symbol

ALPPL2

Synonyms

ALPPL2; alkaline phosphatase, placental-like 2; alkaline phosphatase, placental-like; ALP-1; Nagao isozyme; germ cell alkaline phosphatase; alkaline phosphatase Nagao isozyme; placental-like alkaline phosphatase; testicular and thymus alkaline phosphatase; ALPG; GCAP; ALPPL;

Gene ID

251

mRNA Refseq

NM_031313

Protein Refseq

NP_112603

MIM

171810

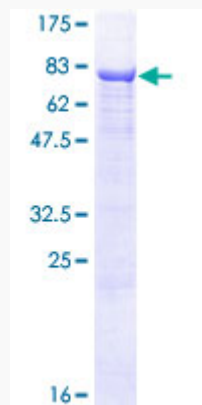
UniProt ID

P10696

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12.5% SDS-PAGE Stained with Coomassie Blue.

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