

Recombinant Full Length Human ALPPL2 Protein, GST-tagged

Cat. No. ALPPL2-1488HF **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	In Vitro Cell Free System
ProteinLength	532 amino acids
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	MQGPWVLLLL GLRLQLSLGI IPVEEENPDF WNRQAAEALG AAKKLQPAQT AAKNLIIFLG DGMGVSTVTA ARILKGQKKD KLGPETFLAM DRFPYVALSK TYSVDKHVPD SGATATAYLC GVKGNFQTIG LSAAARFNQC NTTRGNEVIS VMNRAKKAGK SVGVTTTRV QHASPAGAYA HTVNRNWYSD ADVPASARQE GCQDIATQLI SNMDIDVILG GGRKYMFPMPG TPDPEYPDDY SQGGTRLDGK NLVQEWLAKR QGARYVWNRT ELMQASLDPS VTHLMGLFEP GDMKYEIHRD STLDPSLMEM TEAALRLLSR NPRGFFLFVE GGRIDHGHHE SRAYRALTET IMFDDAIERA GQLTSEEDTL SLVTADHSHV FSFGGYPLRG SSIFGLAPGK

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ARDRKAYTVL LYGNGPGYVL KDGARPDVTE SESGSPEYRQ QSAVPLDGET
HAGEDVAVFA RGPQAHLVHG VQEQTFAHV MAFAACLEPY TACDLAPRAG
TTDAAHPGPS VVPALLPLLA GTLLLLGTAT AP

Applications

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

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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