

Placental Alkaline Phosphatase Recombinant Protein | PLAP recombinant protein

Recombinant Human Placental Alkaline Phosphatase

CATALOG #
AAA38284

HOST
E Coli

PRODUCT SYNONYMS

Placental Alkaline Phosphatase; Recombinant Human Placental Alkaline Phosphatase; PLAP Human; Placental Alkaline Phosphatase Human Recombinant; ALP; PLAP; Alkaline phosphatase placental type; EC 3.1.3.1; PLAP-1; Alkaline phosphatase Regan isozyme; PLAP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Form/Format	PLAP in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol. Sterile filtered liquid.
Concentration	100ug/ml (varies by lot)
Sequence Length	535
Preparation and Storage	Store vial at -20 degree C to -80 degree C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PLAP recombinant protein	Description: Placental Alkaline Phosphatase Human Recombinant encoding 154-287 amino acids expressed in E Coli, shows a 41kDa band on SDS-PAGE (including GST tag). PLAP Human Recombinant is purified by proprietary chromatographic techniques. Introduction: Placental alkaline phosphatase (PLAP) is a membrane-associated siaglycoprotein enzyme normally present at high concentration in syncytiotrophoblasts within the placenta during the third trimester of gestation. The expression of PLAP was originally thought to be restricted to term placenta but a human PLAP-like variant has been described which shares more than 85% homology with PLAP itself. PLAP is expressed only in normal term placenta, endocervix and fallopian tube and also in ovarian and proximal gastrointestinal tumors. It is also commonly expressed in germ cell tumors and more recently described in seminomas.
Product Categories/Family for PLAP recombinant protein	Enzymes; Phosphatase

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721246
NCBI GeneID	250
NCBI Accession #	NP_001623.3
NCBI GenBank Nucleotide #	NM_001632.4
UniProt Accession #	P05187; P05188; P06861; Q53S78; Q96DB7
Molecular Weight	57,954 Da
NCBI Official Full Name	alkaline phosphatase, placental type preproprotein
NCBI Official Synonym Full Names	alkaline phosphatase, placental

NCBI Official Symbol	ALPP
NCBI Official Synonym Symbols	ALP; PALP; PLAP; PLAP-1
NCBI Protein Information	alkaline phosphatase, placental type; alkaline phosphatase Regan isozyme; alkaline phosphomonoesterase; glycerophosphatase; placental alkaline phosphatase 1
UniProt Protein Name	Alkaline phosphatase, placental type
UniProt Gene Name	ALPP
UniProt Synonym Gene Names	PLAP; PLAP-1
UniProt Entry Name	PPB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/alpp-recombinant-protein-e-coli/38284>