

Alkaline phosphatase, placental type (ALPP) Recombinant Protein | ALPP recombinant protein

Recombinant Human Alkaline phosphatase, placental type (ALPP) , partial

CATALOG # AAA113441	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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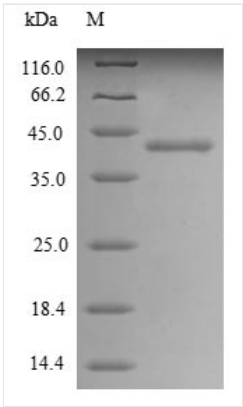
PRODUCT SYNONYMS

Alkaline phosphatase; placental type (ALPP); Recombinant Human Alkaline phosphatase; partial; ALPP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	117-447aa; Partial
Sequence	TATAYLCGVK GNFQTIGLSA AARFNQCNTT RGNEVISVMN RAKKAGKSVG VTTTRVQHA SPAGTYAHTV NRNWYSDADV PASARQEGCQ DIATQLISNM DIDVILGGGR KYMFRMGTPD PEYPDDYSQG GTRLDGKNLV QEWLAKRQGA RYVWNRTELM QASLDPSVTH LMGLFEPGDM KYEIHRLSTL DPSLMEMTEA ALRLLSRNPR GFFLFVEGGR IDHGHESRA YRALTETIMF DDAIERAGQL TSEEDTSLV TADSHVFSF GGYPLRGSSI FGLAPGKARD RKAYTVLLYG NGPGYVLKDG ARPDVTESES GSPEYRQQA V
Sequence Length	535
Species	Homo sapiens (Human)
Production Note	Special Offer: The Baculovirus, E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. Baculovirus, E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Baculovirus, E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Baculovirus, E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ALPP recombinant protein	In most mammals there are four different isozymes: placental, placental-like, intestinal and tissue non-specific (liver bone kidney).
Product Categories/Family for ALPP recombinant protein	Tags & Cell Markers
References	"Nucleotide sequence of the human placental alkaline phosphatase gene. Evolution of the 5' flanking region by deletion substitution." Knoll B.J., Rothblum K.N., Longley M.A. J. Biol. Chem. 263:12020-12027(1988)

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	38.9 kDa
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
UniProt Protein Name	Alkaline phosphatase, placental type
UniProt Gene Name	ALPP
UniProt Synonym Gene Names	PLAP; PLAP-1

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.