

Alkaline phosphatase, placental type (ALPP) Active Protein | ALPP active protein

Recombinant Macaca fascicularis Alkaline phosphatase, placental type (ALPP)(Active)

CATALOG #
AAA279367

HOST
Mammalian Cell

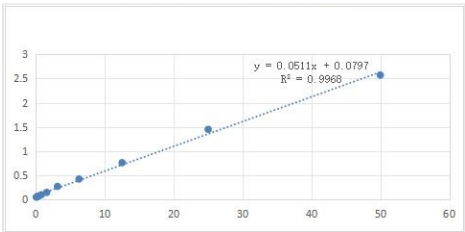
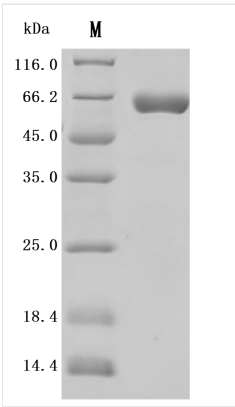
PRODUCT SYNONYMS

Alkaline phosphatase; placental type (ALPP); Recombinant Macaca fascicularis Alkaline phosphatase; placental type (ALPP)(Active); ALPP active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence	IIPVEEENPD FWNRQAAEAL GAAKKLQPIQ TAAKNLIIFL GDGMGVSTVT AARILKGQKE EKLGPETPLA MDHFPYVALS KTYSVDKHVP DSAATATAYL CGVKGNFQTI GLSAAARYNQ CNTTRGNEVV SVMNRAKKAG KSVGVTTR VQHASPAGAY AHTVNRNWYS DANMPGSARR EGCKDIATQL ISNMDIDVIL GGGRKYMFRM GAPDPEYPHD YSQDGTMDG KNLVQEWLAK HQGARYVWNR TELMQASLDP SVTHLMGLFE PGDMKYEIHR DPTLDPSLME MTEAALRLLS RNPRGFFLV EGGRIDHGH ESRAYRALTE AVMFDDAIER AGQLTSEEDT LTLVTADSHS VFSFGAYPLR GSSIFGLAPG KAQDRKAYTA LLYGNPGYV LKDGARPDVT ESESGSPEYR QQAAPLDEE THAGEDVAVF ARGPAHLVH GVQEQSFAH VMAFAACLEP YTACDLAPPA GTTD
Sequence Length	21-504aa; Full Length of Mature Protein
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Unit Definition: One unit is defined as the amount of enzyme required to cleave 1 nmol p-nitro-phenylphosphate(pNPP), in 1 minute at 37 degree C, pH10.0. The specific activity is >7000 U/mg.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Activity

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for ALPP active protein Cancer

NCBI AND UNIPROT INFORMATION

Molecular Weight 56.3kDa

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://stage.aaabiotech.com/mammalian-cell-active-protein/alkaline-phosphatase-placental-type-alpp/279367>