

Human Placental Alkaline Phosphatase protein, His tag (active)

Cat. No. GTX67126-pro

Applications Functional Assay**Species** Human**Package**

10 µg

Applications

Application Note

Specific activity is > 2500 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 7.5 at 37°C.

Observed MW (kDa) 50-70 kDa.

Properties

Form Liquid**Buffer** PBS, 10% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence C-terminal His-Tag; Length: 494 a.a. Sequence: ADLMIIPVEE ENPDFWNREA AEALGAACKL QPAQTAANKL IIFLGDMGV STVTAAIRLK GQKKDKLGPE LPLAMDRFPY VALSKTYNVD KHVPDSGATA TAYLCGVKGN FQTIGLSAAA RFNQCNTTRG NEVISVMNRA KKAGKSVGWV TTTRVQHASP AGTYAHTVNR NWYSADAVPA SARQEGCQDI ATQLISNMDI DVILGGGRKY MFRMGTPDPE YPDDYSQGGT RLDGKNLVQE WLAKRQGARY VWNRTLMQA SLDPSVTHLM GLFEPGDMKY EIHRDSTLDP SLMEMTEAAL RLLSRNPRGF FLFVEGGRID HGHESRAYR ALTETIMFDD AIERAGQLTS EEDTSLVTA DHSHVFSFGG YPLRGSSIFG LAPGKARDRK AYTLLYGNG PGYVLKDGAR PDVTESESGS PEYRQSAVP LDEETHAGED VAVFARGPQA HLHVGVEQQT FIAHVMAFAA CLEPYTACDL APPAGTTDHH HHHH

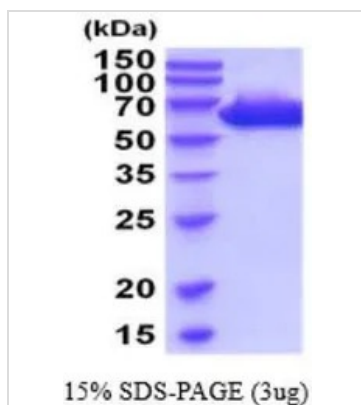
Expression System Baculovirus**Purity** > 95% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES



GTX67126-pro Image

3 μ g of GTX67126-pro Human Placental Alkaline Phosphatase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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