

Human Prostatic Acid Phosphatase protein, His tag (active)

Cat. No. GTX67141-pro

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

10 µg

Applications

Application Note

Specific activity is > 100000 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmoles of p-nitrophenyl phosphate (pNPP) per minute at pH 5.0 at 37°C.

Observed MW (kDa) 40-57 kDa.

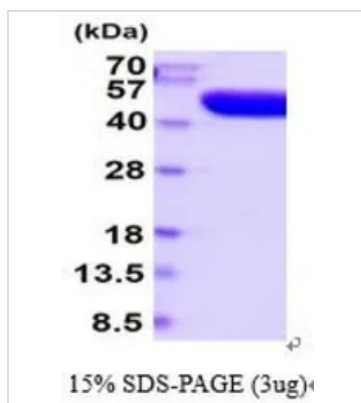
Properties

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: 360 a.a. Sequence: KELKFVTLVF RHGDRSPIDT FPTDPIKESS WPQGFGLTQ LGMEQHYELG EYIRKRYRK LFNESYKHEQV YIRSTVDVRT LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDQ LLYLPFRNCP RFQLESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LYCESVHNFT LPSWATEDTM TKLRELSLS LLSLYGIHKQ KEKSRLQGGV LVNEILNHMK RATQIPSYKK LIMYSAHDTT VSGLQMALDV YNGLPPYAS CHLTLYFEK GEYFVEMYR NETQHEPYPL MLPGCSPSCP LERFAELVGP VIPQDWSTEC MTTNSHQGTE DSTDHHHHHH**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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Date 2026 / 01 / 17 Page 1 of 2

DATA IMAGES



GTX67141-pro Image

3 μ g of GTX67141-pro Human Prostatic Acid Phosphatase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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