

Human Prostatic Acid Phosphatase protein, His tag (active)

Cat. No. GTX67141-pro

Applications	Functional Assay	Package
Species	Human	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

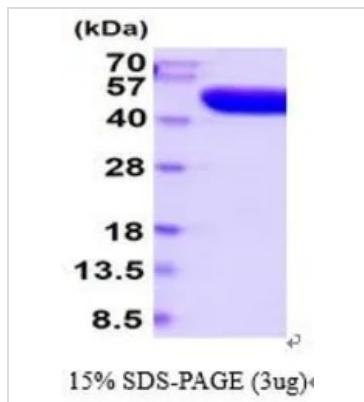
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	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: KELKFVTLF RHGDRSPIDT FPTDPIKES WPQGFGQLTQ LGMEQHYELG EYIRKRYRKF LNESYKHEQV YIRSTDVDR LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDQ LLYLPFRNCP RFQELESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LYCESVHNFT LPSWATEDTM TKLRELSELS LLSLYGIHKQ KEKSRLQGGV LVNEILNHMK RATQIPSYKK LIMYSAHDTT VSGLQMA LDV YNGLLPPYAS CHLTLYFEK GEYFVEMYYR 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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DATA IMAGES

**GTX67141-pro Image**

3 µg 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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