

## Human Sodium/Potassium ATPase beta 1 protein, His tag (active)

## Cat. No. GTx67157-pro

Applications	Functional Assay	Package
Species	Human	50 µg

## Applications

## Application Note

Specific activity is > 3000 pmol/min/µg, and is defined as the amount of enzyme that hydrolyze 1.0 pmole of Adenosine 5-triphosphate to phosphate per minute per minute at pH 7.5 at 25°C.

Observed MW (kDa) 28-40 kDa.

## Properties

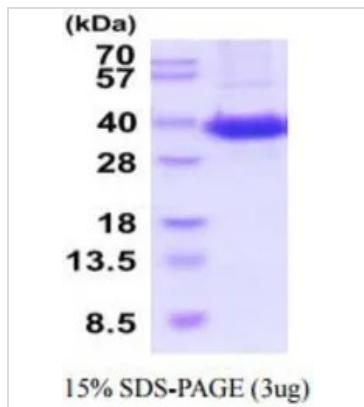
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	C-terminal His-Tag; Length: 250 a.a. Sequence: ADPEFKPTYQ DRVAPPGLTQ IPQIQKTEIS FRPNNDPKSYE AYVLNIVRFL EKYKDSAQRD DMIFEDCGDV PSEPKERGDF NHERGERKVC RFKLEWLGN C SGLNDETYGY KEGKPCIIIK LNRLVLFKPK PPKNESLETY PVMKYNPNVL PVQCTGKRDE DKDKVGNVEY FGLGNSPGFP LQYYPPYYGKL LQPKYLQPLL AVQFTNLTMD TEIRIECKAY GENIGYSEKD RFQGRFDVKI EVKSHHHHHH
Expression System	Baculovirus
Purity	> 90% 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

**GTX67157-pro Image**

3  $\mu$ g of GTX67157-pro Human Sodium/Potassium ATPase beta 1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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