

Human PPM1A protein, His tag (active)

Cat. No. GTX67135-pro

Applications	Functional Assay	Package
Species	Human	100 µg

Applications

Application Note

Specific activity is > 1400 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmoles of p-nitrophenyl phosphate (pNPP) per minute at pH 7.5 at 37°C.

Properties

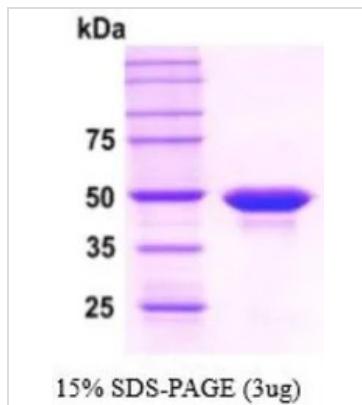
Form	Liquid
Buffer	10mM Tris-HCl, 50mM NaCl, 1mM MnCl ₂ , 20% Glycerol, 2mM DTT
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full length protein, N-terminal His-Tag; Length: 418 a.a. Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWILMGAF LDKPKMEKHN AQGQGNGLRY GLSSMQGWGV EMEDAHTAVI GLPSGLESWS FFAVYDGHAG SQVAKYCCEH LLDHITNNQD FKGSAGAPS ENVKNGIRTG FLEIDEHMVR MSEKKHGADR SGSTAVGVL SPQHTYFINC GDSRGLLCRN RKVHFFTQDH KPSNPLEKER IQNAGGSVMI QRVNGLAVS RALGDFDYKC VHKGKGPTEQL VSPEPEVHD ERSEEDDQFI ILACDGIWDV MGNEELCDFV RSRLVTDDL EKVCNEVDT CLYKGSRDNM SVILICFPNA PKVSPEAVKK EAELDKYLEC RVEEIIKKQG EGVPDLHVHM RTLASENIPS LPPGGELASK RNVIEAVYNR LNPyKNDTD STSTDDMW
Expression System	E. coli
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

**GTX67135-pro Image**

3 µg of GTX67135-pro Human PPM1A protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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