

Human Cyclophilin A protein, His tag (active)

Cat. No. GTX66954-pro

Applications	Functional Assay	Package
Species	Human	100 µg

Applications

Application Note

Specific activity is > 650 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAFP-PNA per minute at 37°C in Tris-HCl (pH 8.0) using chymotrypsin.

Properties

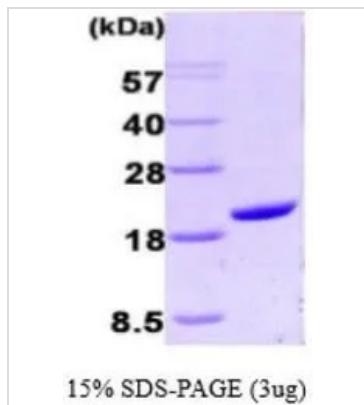
Form	Liquid
Buffer	20mM Tris, 20mM NaCl, 10% Glycerol, 0.5mM DTT
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple 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: 185 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MVNPTVFFDI AVDGEPLGRV SFEFLADKVP KTAENFRALS TGEKGFGYKG SCFHRIIPGF MCQGGDFTRH NGTGGKSIYG EKFEDENFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKKITIAD CGQLE
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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Date 2026 / 01 / 08 Page 1 of 2

DATA IMAGES



GTX66954-pro Image

3 µg of GTX66954-pro Human Cyclophilin A protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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Date 2026 / 01 / 08 Page 2 of 2