

# Product Datasheet

## Recombinant Human Cyclophilin A His Protein NBC1-18425

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBC1-18425****Recombinant Human Cyclophilin A His Protein**

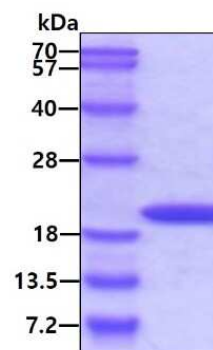
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20mM Tris-HCl buffer (pH 8.0), 20mM NaCl, 0.5mM DTT, 10% glycerol
Target Molecular Weight	20 kDa

Product Description	
Description	<p>A recombinant protein with a His-tag corresponding to the amino acids 1-165 of Human Cyclophilin A</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MVNPTVFFDI  AVDGEPLGRV SFELFADKVP KTAENFRALS TGEKGFGYKG SCFHRIIPGF  MCQGGDFTRH NGTGGKSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS  QFFICTAKTE WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKKITIAD  CGQLE</p>
Gene ID	5478
Gene Symbol	PPIA
Species	Human
Details of Functionality	Specific activity is > 650 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAPF-pNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant Human Cyclophilin A His Protein [NBC1-18425] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain



## Publications

Kaplan AR, Olson R, Alexandrescu AT Protein yoga: Conformational versatility of the Hemolysin II C-terminal domain detailed by NMR structures for multiple states Protein science : a publication of the Protein Society 2021-03-17 [PMID: 33733504]



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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