

# Recombinant Cyclophilin B protein ab53870

**1 References** [画像数 1](#)

### 製品の詳細

製品名	Recombinant Cyclophilin B protein
生理活性	Specific activity is > 1,500nmol/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.
精製度	> 95 % SDS-PAGE. This product was expressed in E.coli and purified by using conventional chromatography techniques.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant

### 特性

Our **Abpromise guarantee** covers the use of **ab53870** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

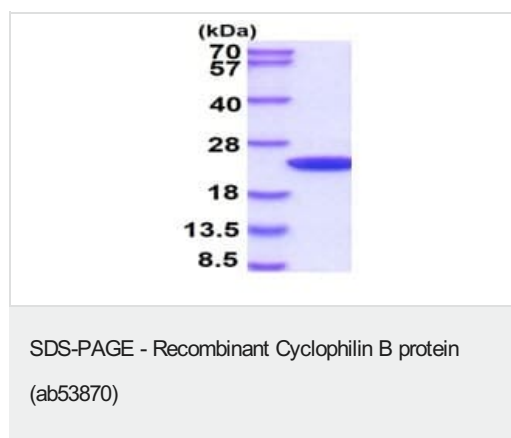
アプリケーション	SDS-PAGE Functional Studies
質量分析	MALDI-TOF
製品の状態	Liquid

### 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0077% DTT, 0.242% Tris, 10% Glycerol (glycerin, glycerine), 0.116% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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機能	PPases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
関連疾患	Defects in PPIB are the cause of osteogenesis imperfecta type 9 (OI9) [MIM:259440]. OI9 is a connective tissue disorder characterized by bone fragility, low bone mass and bowing of limbs due to multiple fractures. Short limb dwarfism and blue sclerae are observed in some but not all patients.
配列類似性	Belongs to the cyclophilin-type PPlase family. PPlase B subfamily. Contains 1 PPlase cyclophilin-type domain.
細胞内局在	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## 画像



ab53870 on 15% SDS-PAGE (3μg)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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