

Recombinant Cyclophilin B protein ab53870

1 References 1 图像

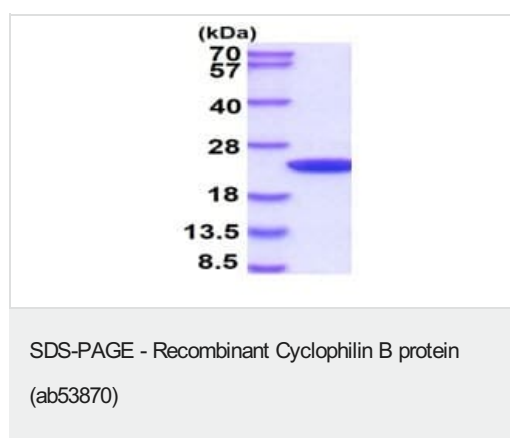
描述	
产品名称	重组Cyclophilin B蛋白
生物活性	Specific activity is > 1,500nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAPF-pNA per minute at 37C in Tris-HCl pH 8.0 using chymotrypsin.
纯度	> 95 % SDS-PAGE. This product was expressed in E.coli and purified by using conventional chromatography techniques.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab53870</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Functional Studies
质谱法	MALDI-TOF
形式	Liquid

制备和贮存	
稳定性和存储	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.

功能	PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
疾病相关	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.
序列相似性	Belongs to the cyclophilin-type PPlase family. PPlase B subfamily. Contains 1 PPlase cyclophilin-type domain.
细胞定位	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## 图片



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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