

# Recombinant human FKBPL protein ab98117

## 1 图像

### 描述

#### 产品名称

重组人FKBPL蛋白

#### 生物活性

Specific activity is > 210 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1  $\mu$ mole of suc-AAFP-pNA per minute at 25°C in Tris-Hcl pH8.0 using chymotrypsin.

#### Activity Assay

Prepare 170  $\mu$ l assay buffer into a suitable container and pre-chill on ice before use: The final concentrations are 200 mM Tris-Hcl, pH 8.0, and 20nM chymotrypsin.

Add 10  $\mu$ l of recombinant FKBPL protein with 1  $\mu$ g in assay buffer.

Mix by inversion and equilibrate to 1°C and monitor the A405nm until the value is constant using a spectrophotometer.

Add 20  $\mu$ l pre-chilled 5mM suc-AAFP-pNA. (Substrate was dissolved in TFE that contained 460mM LiCl to a concentration of 3 mM)

Record the increase in A405 nm for 30 minutes at 25°C.

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#### 纯度

> 90 % SDS-PAGE.

ab98117 is purified by using conventional chromatography techniques.

#### 表达系统

Escherichia coli

#### Accession

**Q9UIM3**

#### 蛋白长度

Full length protein

#### 无动物成分

No

#### 性质

Recombinant

#### 种属

Human

#### 序列

METPPVNTIG EKDTSQPQQE WEKNLRENLD  
SVIQIRQQPR DPPTETLELE VSPDPASQIL

EHTQGAEKLV AELEGDSHKS HGSTSQMPEA  
 LQASDLWYCP DGSFVKKIVI RGHGLDKPKL  
 GSCCRVLALG FPFSGGPPEG WTELTMGVGP  
 WREETWGELI EKCLESMCQG EEAEQLPGH  
 SGPPVRLTLA SFTQGRDSWE LETSEKEALA  
 REERARGTEL FRAGNPEGAA RCYGRALRL  
 LTLPPPGPPE RTVLHANLAA CQLLLGQPQL  
 AAQSCDRVLE REPGHLKALY RRGVAQAALG  
 NLEKATADLK KVL AIDPKNR AAQEELGKVV  
 IQGKNQDAGL AQGLRKMFG L EHHHHHH

预测分子量	39 kDa including tags
氨基酸	1 to 349
标签	His tag C-Terminus

技术指标

Our <b>Abpromise guarantee</b> covers the use of <b>ab98117</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 Mass Spectrometry Functional Studies
质谱法	MALDI-TOF
形式	Liquid

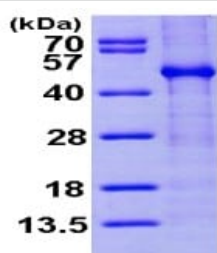
制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  pH: 8.00 Constituents: 0.0308% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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常规信息

功能	May be involved in response to X-ray. Regulates p21 protein stability by binding to Hsp90 and p21.
组织特异性	Ubiquitously expressed with higher levels in testis.
序列相似性	Contains 3 TPR repeats.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.

图片



15% SDS-PAGE analysis of ab98117 (3ug)

SDS-PAGE - Recombinant human FKBP1 protein  
(ab98117)

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

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