

Recombinant human PPM1A protein ab51205

1 图像

描述		
产品名称	重组人PPM1A蛋白	
生物活性	Specific activity: > 8,000units/mg of PPM1A. Unit Definition - one unit will hydrolyze 1 nanomole of p-nitrophenylphosphatate per minute at pH 7.4 at 37°C using 10mM of substrate.	
纯度	> 95 % SDS-PAGE. ab51205 was purified by conventional column chromatography.	
内毒素水平	< 1.000 Eu/μg	
表达系统	Escherichia coli	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWILMGAF LDKPKMEKHN AQGGGNGLRY GLSSMQGWRV EMEDAHTAVI GLPSGLESWS FFAVYDGHAG SQVAKYCCEH LLDHITNNQD FKGSAGAPSV ENVKNGIRTG FLEIDEHMRV MSEKKHGADR SGSTAVGVLI SPQHTYFINC GDSRGLLCRN RKVHFFTQDH KPSNPLEKER IQNAGGSVMI QRVNGSLAVS RALGDFDYKC VHGKGPTSQL VSPEPEVHDI ERSEEDDQFI ILACDGIWDV MGNEELCDFV RSRLEVTDLL EKVCNEVVDT CLYKGSRDNM SVILICFPNA PKVSPEAVKK EAELDKYLEC RVEEIIKKQG EGVPDLVHVM RTLASENIPS LPPGGELASK RNVIEAVYNR LNPYKNDDTD STSTDMMW	
氨基酸	1 to 382	

技术指标

Our **Abpromise guarantee** covers the use of **ab51205** 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

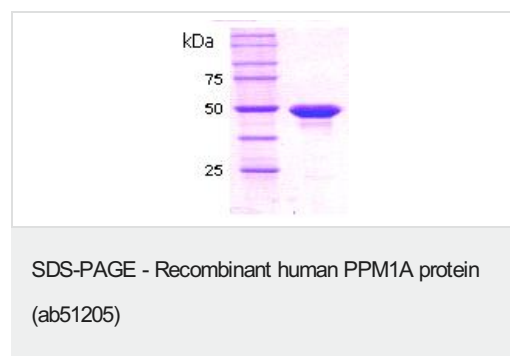
制备和贮存

稳定性和存储	<p>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.</p> <p>pH: 7.50</p> <p>Constituents: 0.0308% DTT, 0.158% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.29% Sodium chloride, 0.0126% Manganese chloride</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
--------	--

常规信息

功能	Enzyme with a broad specificity. Negatively regulates TGF-beta signaling through dephosphorylating SMAD2 and SMAD3, resulting in their dissociation from SMAD4, nuclear export of the SMADs and termination of the TGF-beta-mediated signaling.
序列相似性	Belongs to the PP2C family.
细胞定位	Nucleus.

图片



10% SDS-PAGE gel loaded with ab51205, PP2C alpha protein (His tag).
Predicted molecular weight 46.6 kDa.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors