# abcam

## Product datasheet

# Recombinant Human BPNT1 protein ab103057

#### 1 图像

描述

产品名称 重组人BPNT1蛋白

纯**度** > 90 % SDS-PAGE.

ab103057 was purified by using conventional chromatography techniques.

表达系统 Escherichia coli

Accession <u>O95861</u>

**蛋白长度** Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMASSNT

**VLMRLVAS** 

AYSIAQKAGMIVRRVIAEGDLGIVEKTCATDLQTKADRLAQM

SICSSLAR

KFPKLTIIGEEDLPSEEVDQELIEDSQWEEILKQPCPSQYSA

**IKEEDLVV** 

WVDPLDGTKEYTEGLLDNVTVLIGIAYEGKAIAGVINQPYYN

YEAGPDAV

LGRTIWGVLGLGAFGFQLKEVPAGKHIITTTRSHSNKLVTDC

VAAMNPDA

VLRVGGAGNKIIQLIEGKASAYVFASPGCKKWDTCAPEVILH

AVGGKLTD

IHGNVLQYHKDVKHMNSAGVLATLRNYDYYASRVPESIKNAL

VΡ

预测分子量 38 kDa including tags

**氨基酸** 1 to 308

标签 His tag N-Terminus

#### 技术指标

Our Abpromise guarantee covers the use of ab103057 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

1

Mass Spectrometry

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: 0.077% DTT, 0.316% Tris HCI, 10% Glycerol (glycerin, glycerine), 0.58% Sodium

chloride

#### 常规信息

功能 Converts adenosine 3'-phosphate 5'-phosphosulfate (PAPS) to adenosine 5'-phosphosulfate

(APS) and 3'(2')-phosphoadenosine 5'- phosphate (PAP) to AMP. Has 1000-fold lower activity towards inositol 1,4-bisphosphate (lns(1,4)P2) and inositol 1,3,4-trisphosphate (lns(1,3,4)P3), but

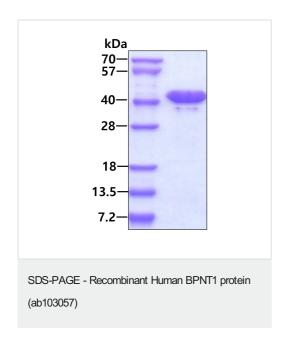
does not hydrolyze lns(1)P, lns(3,4)P2, lns(1,3,4,5)P4 or lnsP6.

组织特异性 Highly expressed in kidney, liver, pancreas and heart. Detected at lower levels in brain, placenta,

lung and skeletal muscle.

序列相似性 Belongs to the inositol monophosphatase family.

### 图片



SDS-PAGE of ab103057 (3 $\mu$ g) under reducing condition and visualized by coomassie blue stain.

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