

Recombinant Human BPNT1 protein ab103057

1 Image

Description

Product name	Recombinant Human BPNT1 protein
Purity	> 90 % SDS-PAGE. ab103057 was purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O95861</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGS MASSNTVLMRLVAS AYSIAQKAGMIVRRVIAEGDLGIVEKTCATDLQTKADRLAQ MSICSSLAR KFPKLTIIIGEEDLPSEEVDQELIEDSQWEEILKQPCPSQYS AIKEEDLVV WVDPLDGTKEYTEGLLDNVTVLIGIAYEGKAIAGVINQPYYN YEAGPDAV LGRTIWGVLGLGAFGFQLKEVPAGKHIITTRSHSNKLVTD CVAAMNPDA VLRVGGAGNKIIQLIEGKASAYVFASPGCKKWDTCAPEVIL HAVGGKLT IHGNVLQYHKDVKHMNSAGVLATLRNYDYYASRVPEIKN ALVP
Predicted molecular weight	38 kDa including tags
Amino acids	1 to 308
Tags	His tag N-Terminus

Specifications

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.

Applications	SDS-PAGE
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	Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

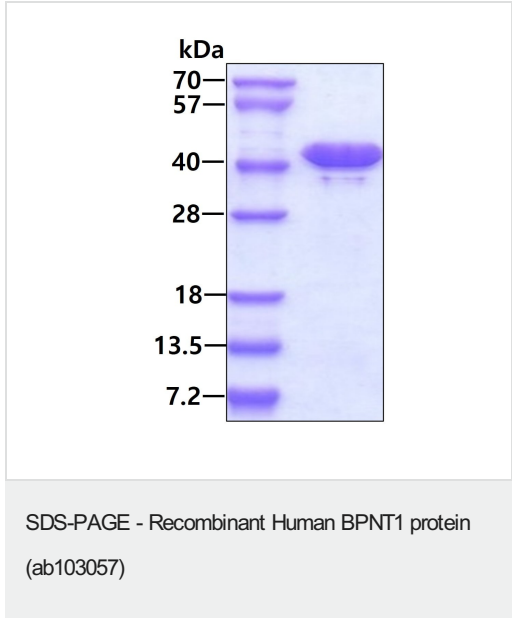
Preparation and Storage

Stability and Storage	<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: 8.00</p> <p>Constituents: 0.077% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride</p>
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General Info

Function	<p>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 (Ins(1,4)P2) and inositol 1,3,4-trisphosphate (Ins(1,3,4)P3), but does not hydrolyze Ins(1)P, Ins(3,4)P2, Ins(1,3,4,5)P4 or InsP6.</p>
Tissue specificity	<p>Highly expressed in kidney, liver, pancreas and heart. Detected at lower levels in brain, placenta, lung and skeletal muscle.</p>
Sequence similarities	<p>Belongs to the inositol monophosphatase family.</p>

Images



SDS-PAGE of ab103057 (3µg) under reducing condition and visualized by coomassie blue stain.

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

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- 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

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