

## Recombinant Human BPNT1 protein, His-tagged

Cat. No. BPNT1-2898H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human BPNT1 protein(1-325 aa), fused to His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-325 aa   |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.  |
| <b>AA Sequence</b>      | <p>           MASSNTVLMRLVASAYSIAQKAGMIVRRVIAEGDLGIVEKTCATDLQTKADRLAQMSI<br/>           CSSLARKFKPLTIIGEEEDLPSEEVDQELIEDSQWEEILKQPCPSQYSAIKEEDLVVWV<br/>           DPLDGTKEYTEGLLDNVTVLIGIAYEGKAIAGVINQPYYNYEAGPDAVLGRTIWGVLG<br/>           LGAFGFQLKEVPAGKHIITTRSHSNKLVDCVAAMNPDAVLRVGGVGNKIIQLIEGK<br/>           ASAYVFASPGCKKWDTCAPEVILHAVGGKLTDIHGNVLQYHKDVSHRTWPKPDDFFR<br/>           AQFFLESHSCFSRNFKNVSTPIKNIYDVIIYAYETDL         </p> |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | <p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw</p>  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION****Gene Name**

BPNT1 3(2), 5-bisphosphate nucleotidase 1 [ Homo sapiens ]

**Official Symbol**

BPNT1

**Synonyms**

BPNT1; 3(2), 5-bisphosphate nucleotidase 1; 3(2),5-bisphosphate nucleotidase 1; BPntase; PAP-inositol-1,4-phosphatase; bisphosphate 3-nucleotidase 1; PIP;

**Gene ID**

10380

**mRNA Refseq**

NM\_006085

**Protein Refseq**

NP\_006076

**MIM**

604053

**UniProt ID**

O95861

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA