

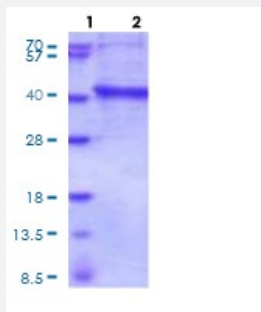
Bioactive

BPNT2 (Human) Recombinant Protein

Catalog # P7930

Size 100 ug

Applications



Specification

Product Description

Human BPNT2 (Q9NX62, 34 a.a. - 359 a.a.) partial length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

GRFSLFGLGGEPGGGAAGPAAAADGGTVDLREMLAVSVLAAVRGGDEVRRVRESNVLHEKSK
GKTREGAEDKMTSGDVLNRMKMFYLLKTAFPSVQINTEEHVDAADQEVILWDHKIPEDILKEVTTP
KEVPAESVTWIDPLDATQEYTEDLRKYVTTMVCVAVNGKPMLGVIHKPFSEYTAWAMVDGGSN
VKARSSYNEKTPRIVSRSHSGMVKQVALQTFGNQTTIIPAGGAGYKVLALLDVPDKSQEKADLYI
HVTYIKKWDICAGNAILKALGGHMTTLSGEEISYTGSDGIEGGLLASIRMNHQALVRKLPDLEKTGHK

Host

Escherichia coli

Theoretical MW (kDa)

37.6

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 90% by SDS-PAGE

Activity

The specific activity is > 3300 pmol/min/ug, the ability to dephosphorylate adenosine 3'5'-diphosphate sodium salt at pH 7.5, 25°C.

Quality Control Testing

3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.

Storage Buffer

In Phosphate-Buffer Saline pH 7.4

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IMPAD1

Entrez GeneID[54928](#)**Protein Accession#**[Q9NX62](#)**Gene Name**

IMPAD1

Gene Alias

FLJ20421, IMPA3

Gene Description

inositol monophosphatase domain containing 1

Gene Ontology[Hyperlink](#)**Other Designations**

myo-inositol monophosphatase A3