SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human BPNT2 (3'(2'), 5'-bisphosphate nucleotidase 2) for Antibody Discovery

Cat. No.: **MP1306J**
This product is for research use only and is not intended for diagnostic use.

This product is a 37.6 kDa Human BPNT2 membrane protein expressed in E. coli. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
BPNT2

Protein Length
Partial (34-359aa)

Protein Class
Transmembrane

Molecular Weight
37.6 kDa

TMD
1

Sequence
MGSSHHHHHH SSGLVPRGSH MGSGRFSLFG LGGEPGGGAA GPAAAADGGT VDLREMLAVS VLAAVRGGDE VRRVRESNVL HEKSKGKTRE GAEDKMTSGD VLSNRKMFYL LKTAFPSVQI NTEEHVDAAD QEVILWDHKI PEDILKEVTT PKEVPAESVT VWIDPLDATQ EYTEDLRKYV TTMVCVAVNG KPMLGVIHKP FSEYTAWAMV DGGSNVKARS SYNEKTPRIV VSRSHSGMVK QVALQTFGNQ TTIIPAGGAG YKVLALLDVP DKSQEKADLY IHVTYIKKWD ICAGNAILKA LGGHMTTLSG EEISYTGSDG IEGGLLASIR MNHQALVRKL PDLEKTGHK

Product Description

Expression Systems
E. coli

Tag
His-tag

Form

Liquid

Purity

>90% by SDS - PAGE

Buffer

Phosphate Buffered Saline (pH7.4)

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

BPNT2

Full Name

3'(2'), 5'-bisphosphate nucleotidase 2

Introduction

This gene encodes a member of the inositol monophosphatase family. The encoded protein is localized to the Golgi apparatus and catalyzes the hydrolysis of phosphoadenosine phosphate (PAP) to adenosine monophosphate (AMP). Mutations in this gene are a cause of GRAPP type chondrodysplasia with joint dislocations, and a pseudogene of this gene is located on the long arm of chromosome 1.

Alternative Names

GPAPP; IMP 3; IMP-3; IMPA3; IMPAD1; Golgi 3-prime phosphoadenosine 5-prime phosphate 3-prime phosphatase; IMPase 3; golgi-resident PAP phosphatase; inositol monophosphatase domain containing 1; inositol-1(or 4)-monophosphatase 3; myo-inositol monophosphatase A3; phosphoadenosine phosphate 3'-nucleotidase

Gene ID

54928

UniProt ID

Q9NX62

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