Datasheet for ABIN667056

PPP1R1A Protein (AA 1-171) (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	PPP1R1A
Protein Characteristics:	AA 1-171
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	IPP-1, 1-171aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	PPP1R1A
Alternative Name:	IPP-1 (PPP1R1A Products)
Background:	Protein phosphatase inhibitor-1(IPP-1) plays an important role in the regulation of glycogen metabolism through inhibition of type-1 protein serine/threonine phosphatase(PP1) activity, and it has been implicated in the regulation of cell growth. IPP-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. In the presence of calcium, PPI-1 is inactivated by calcineurin (or PP2B). Recombinant human IPP-1, fused to His-tag at C-

Target Details

	terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Protein phosphatase inhibitor, Protein phosphatase inhibitor-1 Protein phosphatase inhibitor 1, I 1, I1, Inhibitor 1, IPP 1, IPP1, PPP1R1A, Protein phosphatase 1 regulatory (inhibitor) subunit 1A, Protein phosphatase 1 regulatory subunit 1A. NCBI no.: NP_006732
Molecular Weight:	20kDa (179aa), confirmed by MALDI-TOF.
Pathways:	Cellular Glucan Metabolic Process

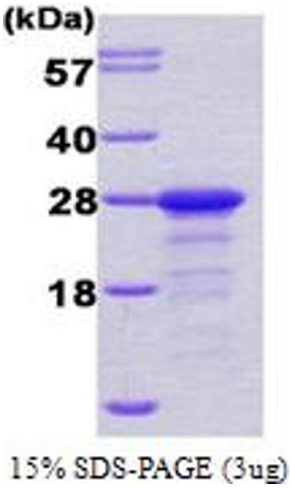
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid in 50mM Tris pH 8.0, 0.1mM PMSF, 1mM EDTA, 1mM DTT, 10% glycerol.
Storage:	4 °C

Images



SDS-PAGE

Image 1.