Datasheet for ABIN667510

PPME1 Protein (AA 1-386) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	PPME1
Protein Characteristics:	AA 1-386
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPME1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PPME1, 1-386aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	PPME1
Alternative Name:	PPME1 (PPME1 Products)
Background:	PPME1, also known protein phosphatase methylesterase-1(PME1), catalyzes the demethylation and inactivation of protein phosphatase (PP2A), which is a multimeric phosphoserine/ threonine protein phosphatase associated with growth inhibition and cell cycle arrest. It can demethylate PP2A catalytic subunit in vitro and okadaic acid treatment is capable of inhibiting this reaction. It is conserved from yeast to human and contains a motif found in lipases having

Target Details

	a catalytic triad activated serine as their active site nucleophile. Recombinant human PPME1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Protein phosphatase methylesterase 1, FLJ22226, PME-1. NCBI no.: NP_057231
Molecular Weight:	44.4 kDa(406aa), confirmed by MALDI-TOF
Pathways:	Methionine Biosynthetic Process

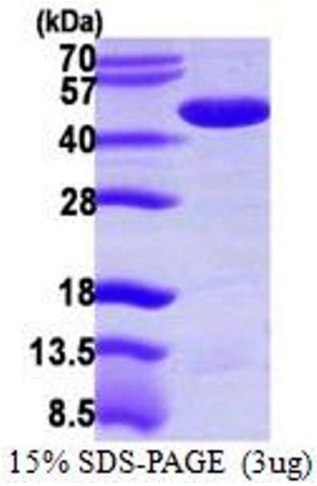
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT
Storage:	4 °C

Images



SDS-PAGE

Image 1.