

PPP1R12A 抗原（重组蛋白）

中文名称： PPP1R12A 抗原（重组蛋白）

英文名称： PPP1R12A Antigen (Recombinant Protein)

别名： protein phosphatase 1, regulatory subunit 12A; MBS; M130; MYPT1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 682-864 amino acids of human PPP1R12A

技术规格

Full name:	protein phosphatase 1, regulatory subunit 12A
Synonyms:	MBS; M130; MYPT1
Swissprot:	O14974
Gene Accession:	BC111752
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Myosin phosphatase target subunit 1, which is also called the myosin-binding subunit of myosin phosphatase, is one of the subunits of myosin phosphatase. Myosin phosphatase regulates the interaction of actin and myosin downstream of the guanosine triphosphatase Rho. The small guanosine triphosphatase Rho is implicated in myosin light chain (MLC) phosphorylation, which results in contraction of smooth muscle and interaction of actin and my

osin in nonmuscle cells. The guanosine triphosphate (GTP)-bound, active form of RhoA (GTP.RhoA) specifically interacted with the myosin-binding subunit (MBS) of myosin phosphatase, which regulates the extent of phosphorylation of MLC.