

PPP1R3C 抗原（重组蛋白）

中文名称：PPP1R3C 抗原（重组蛋白）

英文名称：PPP1R3C Antigen (Recombinant Protein)

别名：PTG; PPP1R5

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-317 amino acids of human PPP1R3C

技术规格：

Full name:	protein phosphatase 1 regulatory subunit 3C
Synonyms:	PTG; PPP1R5
Swissprot:	Q9UQK1
Gene Accession:	BC012625
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a carbohydrate binding protein that is a subunit of the protein phosphatase 1 (PP1) complex. PP1 catalyzes reversible protein phosphorylation, which is important in a wide range of cellular activities. The encoded protein affects glycogen biosynthesis by activating glycogen synthase and limiting glycogen breakdown by reducing glycogen phosphorylase activity. DNA hypermethylation of this gene has been found in colorectal cancer patients. The encoded protein also interacts with the laforin protein, which is a protein tyrosine phosphatase implicated in Lafora disease.