

Recombinant Human PPP1R3C

Catalog No: #GP13321



Package Size: #GP13321-1 100ug

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Description

Product Name	Recombinant Human PPP1R3C
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-317 amino acids of human PPP1R3C
Target Name	protein phosphatase 1 regulatory subunit 3C
Other Names	PTG; PPP1R5
Accession No.	Swissprot:Q9UQK1Gene Accession:BC012625
Uniprot	Q9UQK1
GeneID	5507;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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