

Datasheet for ABIN2729810

**PPM1G Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	20 µg
Target:	PPM1G
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPM1G protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Protein phosphatase 1G / PPM1G (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	PPM1G
Alternative Name:	Protein Phosphatase 1g,ppm1g ( <a href="#">PPM1G Products</a> )
Background:	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of

## Target Details

Pre-mRNA splicing factors, which is important for the formation of functional spliceosome.  
Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression.

Molecular Weight: 59.1 kDa

NCBI Accession: [NP\\_817092](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

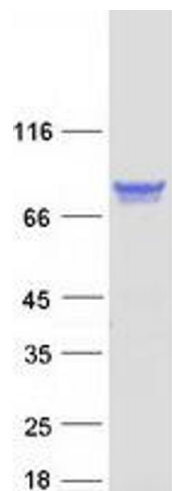
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: Richter, Dayaram, Gilmartin, Ganji, Pemmasani, Van Der Key, Shohet, Donehower, Kumar: "WIP1 phosphatase as a potential therapeutic target in neuroblastoma." in: **PLoS ONE**, Vol. 10, Issue 2, pp. e0115635, (2015) ([PubMed](#)).



Western Blotting

**Image 1.** Validation with Western Blot