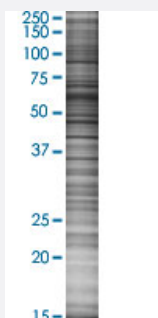


# PPP2R1A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005518-T02

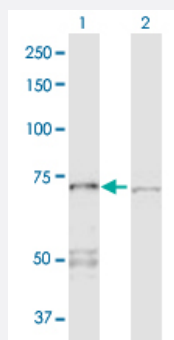
Size 100 uL

## Applications



### SDS-PAGE Gel

PPP2R1A transfected lysate.



### Western Blot

Lane 1: PPP2R1A transfected lysate ( 65.3 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-PPP2R1A full-length

**Host** Human

**Theoretical MW (kDa)** 65.3

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-PPP2R1A antibody ([H00005518-D01P](#)) by Western Blots.  
 SDS-PAGE Gel  
 PPP2R1A transfected lysate.  
 Western Blot  
 Lane 1: PPP2R1A transfected lysate ( 65.3 KDa)  
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — PPP2R1A

Entrez GeneID	<a href="#">5518</a>
GeneBank Accession#	<a href="#">NM_014225</a>
Protein Accession#	<a href="#">NP_055040.2</a>
Gene Name	PPP2R1A
Gene Alias	MGC786, PR65A
Gene Description	protein phosphatase 2 (formerly 2A), regulatory subunit A, alpha isoform
Omim ID	<a href="#">605983</a>
Gene Ontology	<a href="#">Hyperlink</a>

Gene Summary	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. [provided by RefSeq]
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Other Designations	PP2A, subunit A, PR65-alpha isoform PP2A, subunit A, R1-alpha isoform alpha isoform of regulatory subunit A, protein phosphatase 2 medium tumor antigen-associated 61 KDA protein protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform
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## Pathway

- [Long-term depression](#)
- [TGF-beta signaling pathway](#)

- [Tight junction](#)
- [Wnt signaling pathway](#)

## Disease

- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Precancerous Conditions](#)