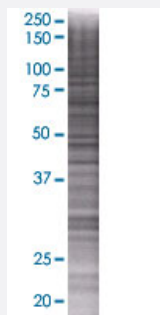


# INPP5B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003633-T01

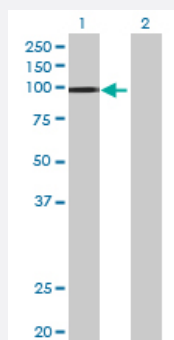
Size 100 uL

## Applications



### SDS-PAGE Gel

INPP5B transfected lysate.



### Western Blot

Lane 1: INPP5B transfected lysate ( 82.39 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-INPP5B full-length
Host	Human
Theoretical MW (kDa)	82.39
Interspecies Antigen Sequence	Mouse (79); Rat (86)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-INPP5B antibody ([H00003633-B01](#)) by Western Blots.  
SDS-PAGE Gel  
INPP5B transfected lysate.  
Western Blot  
Lane 1: INPP5B transfected lysate ( 82.39 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 — INPP5B

## Entrez GeneID

[3633](#)

## GeneBank Accession#

[NM\\_005540.1](#)

## Protein Accession#

[AAH58932.1](#)

## Gene Name

INPP5B

## Gene Alias

5PTase, MGC65156, MGC71303

## Gene Description

inositol polyphosphate-5-phosphatase, 75kDa

## Omim ID

[147264](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

Cellular calcium signaling is controlled by the production of inositol phosphates (IPs) by phospholipase C in response to extracellular signals. The IP signaling molecules are inactivated by a family of inositol polyphosphate-5-phosphatases (5-phosphatases). This gene encodes the type II 5-phosphatase. The protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

## Other Designations

OTTHUMP00000004726|phosphoinositide 5-phosphatase|type II inositol-1,4,5-trisphosphate 5-phosphatase

## Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

## Disease

- [Disease](#)
- [Genetic Predisposition to Disease](#)