

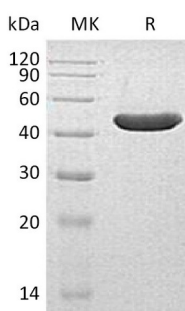
**Product Name: Recombinant Human INPP5A (C-6His)**  
**Catalog #: PHH0955**



## Summary

<b>Name</b>	INPP5A/Type I inositol 1,4,5-trisphosphate 5-phosphatase
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Type I Inositol-polyphosphate Phosphatase is produced by our Mammalian expression system and the target gene encoding Met1-Val410 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q14642
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	48.7 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Type I inositol 1;4;5-trisphosphate 5-phosphatase; INPP5A
<b>Background</b>	Type I inositol 1,4,5-trisphosphate 5-phosphatase is a 412 amino acids protein that belongs to the inositol 1,4,5-trisphosphate 5-phosphatase type I family. Type I

**Product Name: Recombinant Human INPP5A (C-6His)**  
**Catalog #: PHH0955**



---

inositol-1,4,5-trisphosphate 5-phosphatase is an enzyme that in humans is encoded by the INPP5A gene. It is expressed in brain and high level in Purkinje cells. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation.

**Note**

For Research Use Only , Not for Diagnostic Use.