

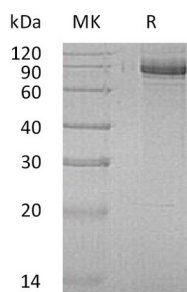
Product Name: Recombinant Human INPP1 (C-6His)
Catalog #: PHH0954



Summary

Name	INPP1/Inositol polyphosphate 1-phosphatase
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Inositol Polyphosphate 1-Phosphatase is produced by our Mammalian expression system and the target gene encoding Met1-Thr399 is expressed with a 6His tag at the C-terminus.
Accession #	P49441
Host	Human Cells
Species	Human
Predicted Molecular Mass	45 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 5% Trehalose, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names

Inositol Polyphosphate 1-Phosphatase; IPP; IPPase; INPP1

Background

Inositol Polyphosphate 1-Phosphatase (INPP1) is a member of the inositol monophosphatase family. INPP1 is widely expressed in tissues, with highest expression levels observed in the pancreas and kidney. INPP1 is inhibited by Li⁺. Removing the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate. INPP1 is involved in signal transduction and phosphatidylinositol signaling pathway.

Note

For Research Use Only , Not for Diagnostic Use.