

Recombinant Human Inositol Polyphosphate 1-Phosphatase/INPP1 Protein(C-6His)

Cat.NO.: TP05815

3th Edition

Synonyms:Inositol Polyphosphate 1-Phosphatase; IPP; IPPase; INPP1

Description: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.

Form:PBS

Molecular Weight:45.0 kDa

Sequences:Met 1-Thr399

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.