

Recombinant Human Type I Inositol 1,4,5-Trisphosphate 5-Phosphatase/INPP5A Protein(C-6His)

Cat.NO.: TP05845

3th Edition

Synonyms:Type I inositol 1;4;5-trisphosphate 5-phosphatase; INPP5A

Description: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 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.

Form:PBS

Molecular Weight:48.5 kDa

Sequences:Met 1-Val410

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.