

32-8429: Recombinant Human Type I Inositol 1,4,5-Trisphosphate 5-Phosphatase/INPP5A (C-6His)

Gene : INPP5A
Gene ID : 3632
Uniprot ID : Q14642

Description

Source: Human Cells.

MW :48.5kD.

Recombinant Human INPP5A is produced by our Mammalian expression system and the target gene encoding Met1-Val410 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MAGKAAAPGTAVLLVTANVGSFLDDEPENLQKNWREFYQVVHHTKPHFIMALHCQEFGGKNEYEASMSHVDFKFKVLLSSDAMKEYNRARVYLDENYKSEHFTALGSEFYFLHESLKNYQDFKAKKYRKYVAGKEIYSDTLESTPML EKEKFPQDYFPECKWSRKGFIKTRWCIADCAFDLVNIHLFHDASNLVAWETSPSVYSGIRHKALGYVLDRIIDQR FEKVSYFVFGDFNFRLDKSKSVVETLCTKATMQTVRAADTNEVVKLIKLFRESNDRKVMLEKLLFDYFNQEVFR DNGGTALLEFDKELSVFKDRLYELDISFPPSYSEDARQGEQYMNTRCPAWCDRILMSPSAKELVLRSEEEK VVTDYDHIGPNVCMGDHKKPVFLAFRIMPAGKPHAHVHKCCVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.