

Product datasheet for **TP727175**

INPP5A Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human Inositol 1,4,5-Trisphosphate 5-Phosphatase/INPP5A (C-6His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Met1-Val410 |
| Tag: | C-His |
| Buffer: | Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| Note: | 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. |
| Storage: | Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 3632 |
| UniProt ID: | Q14642 |
| Synonyms: | Type I inositol 1;4;5-trisphosphate 5-phosphatase; INPP5A |
| Summary: | 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. |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system |



[View online »](#)