

Product datasheet for **TP726954**

INPP1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Inositol Polyphosphate 1-Phosphatase/INPP1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Thr399
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,1mMEDTA,5% Trehalose,pH7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	3628
UniProt ID:	P49441
Synonyms:	Inositol Polyphosphate 1-Phosphatase; IPP; IPPase; INPP1
Summary:	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-trisphosphosphate. INPP1 is involved in signal transduction and phosphatidylinositol signaling pathway.
Protein Families:	Druggable Genome
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system



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