

Recombinant Full Length Human INPP1 Protein, GST-tagged

Cat. No. INPP1-5894HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INPP1 full-length ORF (AAH15496, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	399 amino acids
Description	This gene encodes the enzyme inositol polyphosphate-1-phosphatase, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphosphate. [provided by RefSeq
Molecular Mass	69.63 kDa
AA Sequence	MSDILRELLCVSEKAANIARACRQQEALFQLLIEEKKEGEKNKKFAVDFKTLADVVLVQ EVIKQNMENKFPGLEKNIFGEESNEFTNDWGEKITLRLCSTEEETAELLSKVLNGNKV ASEALARVVHQDVAFTDPTLDSTEINVPQDILGIWVDPIDSTYQYIKGSADIKSNQGIF PCGLQCVTILIGVYDIQTGVPLMGVINQPFVSRDPNTRLRWKGQCYWGLSYMGTNMH SLQLTISRRNGSETHTGNTGSEAAFSPSFSAVISTSEKETIKAALSRVCGDRIFGAAG AGYKSLCVVQGLVDIYIFSED TTFKWDSCAAHAILRAMGGGIVDLKECLERNPETGL DLPQLVYHVENEGAAGVDRWANKGGLIAYRSRKRLETFLSLLVQNLAPAETHT
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	INPP1 inositol polyphosphate-1-phosphatase [Homo sapiens]
Official Symbol	INPP1
Synonyms	INPP1; inositol polyphosphate-1-phosphatase; inositol polyphosphate 1-phosphatase; IPP; IPPase; MGC110984;
Gene ID	3628
mRNA Refseq	NM_001128928
Protein Refseq	NP_001122400
MIM	147263
UniProt ID	P49441

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