

Recombinant Full Length Human INPP5A Protein, GST-tagged

Cat. No. INPP5A-5953HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INPP5A full-length ORF (NP_005530.3, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	412 amino acids
Description	The protein encoded by this gene is a membrane-associated type I inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. 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. [provided by RefSeq]
Molecular Mass	74.2 kDa
AA Sequence	MAGKAAAPGTAVLLVTANVGSFLDDPENLQKNWLREFYQVVHCHKPHFMALHCQE FGGKNYEASMSHVDKFKVKELLSSDAMKEYNRARVYLDENYKSQEHFTALGSFYFLH ESLKNYQFDFKAKKYRKVAGKEIYSDTLESTPMLEKEKFPQDYFPECKWSRKGFI TRWCIADCAFDLVNIHLFHDASNLVAVETSPSVYSGIRHKALGYVLDRIIDQRFKVS YFVFGDFNFRLDSKSVVETLCTKATMQTVRAADTNEVVKLIFRESNDNRKVMLQLEK KLFDYFNQEVFRDNNGTALLEFDKELSVFKDRLYELDISFPPSYPSYSEDARQGEQYM NTRCPAWCDRILMSPSAKELVLRSESEEKVVTDHIGPNVCMGDHKPVFLAFRIMP GAGKPHAHVHKCCVVQ

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Applications	Enzyme-linked Immunoabsorbent Assay 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	INPP5A inositol polyphosphate-5-phosphatase, 40kDa [Homo sapiens]
Official Symbol	INPP5A
Synonyms	INPP5A; inositol polyphosphate-5-phosphatase, 40kDa; inositol polyphosphate 5 phosphatase, 40kD; type I inositol 1,4,5-trisphosphate 5-phosphatase; 5PTASE; 43 kDa inositol polyphosphate 5 phophatase; CTCL tumor antigen HD CL 02; inositol polyphosphate 5 phophatase; 40kDa; InsP3 5 phosphatase; type I inositol 1; 4; 5 trisphosphate 5 phosphatase; InsP3 5-phosphatase; CTCL tumor antigen HD-CL-02; 43 kDa inositol polyphosphate 5-phophatase; inositol trisphosphate-5-phosphatase, 40kD; type I inositol-1,4,5-trisphosphate 5-phophatase; type I inositol-1,4,5-trisphosphate 5-phosphatase; MGC116947; MGC116949; DKFZp434A1721;
Gene ID	3632
mRNA Refseq	NM_005539
Protein Refseq	NP_005530

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MIM	600106
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UniProt ID	Q14642
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