Recombinant Human INPP5A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INPP5A-3623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INPP5A MS Standard C13 and N15-labeled recombinant protein (NP_005530) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	47.8 kDa
AA Sequence	MAGKAAAPGTAVLLVTANVGSLFDDPENLQKNWLREFYQVVHTHKPHFMALHCQE FGGKNYEASMSHVDKFVKELLSSDAMKEYNRARVYLDENYKSQEHFTALGSFYFLH ESLKNIYQFDFKAKKYRKVAGKEIYSDTLESTPMLEKEKFPQDYFPECKWSRKGFIR TRWCIADCAFDLVNIHLFHDASNLVAWETSPSVYSGIRHKALGYVLDRIIDQRFEKVS YFVFGDFNFRLDSKSVVETLCTKATMQTVRAADTNEVVKLIFRESDNDRKVMLQLEK KLFDYFNQEVFRDNNGTALLEFDKELSVFKDRLYELDISFPPSYPYSEDARQGEQYM NTRCPAWCDRILMSPSAKELVLRSESEEKVVTYDHIGPNVCMGDHKPVFLAFRIMP GAGKPHAHVHKCCVVQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

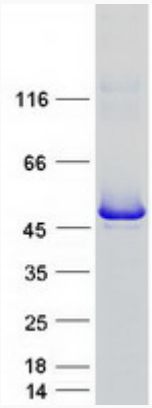
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	INPP5A inositol polyphosphate-5-phosphatase A [Homo sapiens (human)]
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
MIM	600106

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UniProt ID	Q14642
SDS-PAGE	

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