Recombinant Human INPP5A protein, His-tagged

Cat. No. INPP5A-012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INPP5A protein(99-412 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	99-412 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	EHFTALGSFYFLHESLKNIYQFDFKAKKYRKVAGKEIYSDTLESTPMLEKEKFPQDYF PECKWSRKGFIRTRWCIADCAFDLVNIHLFHDASNLVAWETSPSVYSGIRHKALGYV LDRIIDQRFEKVSYFVFGDFNFRLDSKSVVETLCTKATMQTVRAADTNEVVKLIFRES DNDRKVMLQLEKKLFDYFNQEVFRDNNGTALLEFDKELSVFKDRLYELDISFPPSYP YSEDARQGEQYMNTRCPAWCDRILMSPSAKELVLRSESEEKVVTYDHIGPNVCMG DHKPVFLAFRIMPGAGKPHAHVHKCCVVQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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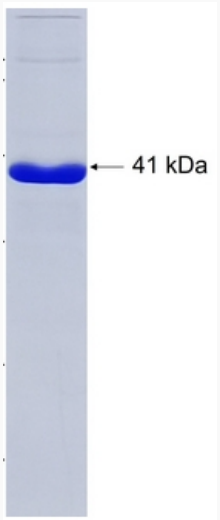
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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
MIM	600106
UniProt ID	Q14642

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SDS-PAGE



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