

Recombinant Mouse Ppip5k1 Protein, His-tagged

Cat. No. Ppip5k1-1966M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ppip5k1 Protein (Ala514-Thr857) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala514-Thr857
Description	Predicted to enable phosphotransferase activity, phosphate group as acceptor. Predicted to be involved in inositol metabolic process and inositol phosphate biosynthetic process. Predicted to be located in plasma membrane. Predicted to be active in cytosol. Is expressed in intestine; liver; metanephros; retina; and retina outer nuclear layer. Orthologous to human PPIP5K1 (diphosphoinositol pentakisphosphate kinase 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.3 kDa Accurate Molecular Mass: 42 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Ppip5k1 diphosphoinositol pentakisphosphate kinase 1 [Mus musculus (house mouse)]
Official Symbol	Ppip5k1
Synonyms	PPIP5K1; diphosphoinositol pentakisphosphate kinase 1; inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 1; VIP1 homolog; insP6 and PP-IP5 kinase 1; histidine acid phosphatase domain containing 2A; histidine acid phosphatase domain-containing protein 2A; Hisppd2a; mKIAA0377; B430315C20Rik;
Gene ID	327655
mRNA Refseq	NM_178795
Protein Refseq	NP_848910
UniProt ID	A2ARP1

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