

Recombinant Human PPIP5K2 Protein, His-tagged

Cat. No. PPIP5K2-2671H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPIP5K2 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the histidine acid phosphatase family of proteins. Despite containing a histidine acid phosphatase domain, the encoded protein functions as an inositol pyrophosphate kinase, and is thought to lack phosphatase activity. This kinase activity is the mechanism by which the encoded protein synthesizes high-energy inositol pyrophosphates, which act as signaling molecules that regulate cellular homeostasis and other processes. This gene may be associated with autism spectrum disorder in human patients.
Form	50 mM Tris, pH 8.0, 8 M Urea.
Molecular Mass	137.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PPIP5K2 diphosphoinositol pentakisphosphate kinase 2 [Homo sapiens]
Official Symbol	PPIP5K2
Synonyms	CFAP160; HISPPD1; IP7K2; VIP2
Gene ID	23262
mRNA Refseq	NM_015216
Protein Refseq	NP_056031
MIM	611648
UniProt ID	O43314

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