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Datasheet for ABIN4371217
PIP4K2A Protein (AA 1-406) (His tag)

Overview

Quantity:	50 µg
Target:	PIP4K2A
Protein Characteristics:	AA 1-406
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP4K2A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Phosphatidylinositol 5-Phosphate 4-Kinase 2α/PIP4K2A (C-6His)
Sequence:	MATPGNLGSS VLASKTKTKK KHFVAQKVKL FRASDPLLSV LMWGVNHSIN ELSHVQIPVM LMPDDFKAYS KIKVDNHLFN KENMPSHFKF KEYCPMVFRN LRERFGIDDQ DFQNSLTRSA PLPNDSQARS GARFHTSYDK RYIIKTITSE DVAEMHNILK KYHQYIVECH GITLLPQFLG MYRLNVDGVE IYVIVTRNVF SHRLSVYRKY DLKGSTVARE ASDKEKAKEL PTLKDNDFIN EGQKIYIDDN NKKVFLEKLG KDVEFLAQLK LMDYSLLVGI HDVERAEQEE VECEENDGEE EGESDGTHPV GTPPDSPGNT LNSSPPLAPG EFDPNIDVYG IKCHENS PRK EVYFMAIIDI LTHYDAKKKA AHAAKTVKHG AGAEISTVNP EQYSKRFLDF IGHILTVDHH HHHH
Characteristics:	Recombinant Human Phosphatidylinositol 5-Phosphate 4-Kinase 2α/PIP4K2A (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PIP4K2A
Alternative Name:	Phosphatidylinositol 5-Phosphate 4-Kinase 2alpha (PIP4K2A Products)
Molecular Weight:	47.3 kDa
UniProt:	P48426
Pathways:	Inositol Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.