

Product datasheet for **AR51795PU-S**

InsP6 kinase 2 / IP6K2 (1-426, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	InsP6 kinase 2 / IP6K2 (1-426, His-tag) human protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSPAFRAMDV EPRAKGVLL E PFVHQVGGHS CVLRFNETTL CKPLVPREHQ FYETLPAEMR KFTPQYKGV SVRFEEDER NLCLAIYPLK GDHGIVDIVD NSDCEPKSKL LRWTTNKKHH VLETEKTPKD WVRQHRKEEK MKSHKLEEEF EWLKKSEVLY YTVEKKNIS SQLKHYNPWS MKCHQQQLQR MKENAKHRNQ YKFILLENLT SRYEVPCVLD LKMGTRQHGD DASEEKAANQ IRKCCQSTSA VIGVRVCGMQ VYQAGSGQLM FMNKYHGRKL SVQGFKALF QFFHNGRYLR RELLGPVLKK LTELKAVLER QESYRFYSSS LLVIYDGKER PEVLDSDAE DLEDLSEESA DESAGAYAYK PIGASSVDVR MIDFAHTTCR LYGEDTVWHE GQDAGYIFGL QSLIDIVTEI SEESGE
Tag:	His-tag
Predicted MW:	51.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: Liquid. In Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001005909
Locus ID:	51447
UniProt ID:	Q9UHH9 , B2RCP4



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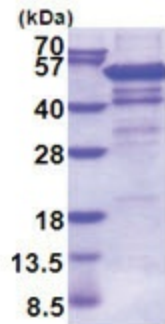
Cytogenetics: 3p21.31

Synonyms: IHPK2, TCCCIA00113, P(i)-uptake stimulator, PiUS

Summary: This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)