

Product datasheet for **AR51243PU-N**

CDK16 / PCTK1 (158-496, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CDK16 / PCTK1 (158-496, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSGSGFKLET YIKLDKLGEG TYATVYKPKS KLTDNLVALK EIRLEHEEGA PCTAIREVSL LKDLKHANIV TLHDIIHTEK SLTLVFEYLD KDLKQYLDDC GNIINMHNVK LFLFQLLRGL AYCHRQKVLH RDLKPQNLLI NERGELKLAD FGLARAKSIP TKTYSNEVVT LWYRPPDILL GSTDYSTQID MWGVCIFYE MATGRPLFPG STVEEQLHFI FRILGTPTEE TWPGILSNEE FKTYNYPKYR AEALLSHAPR LDSGDADLLT KLLQFEGRNR ISAEDAMKHP FFLSLGERIH KLPDTSIFA LKEIQLQKEA SLRSSMPDS GRPAFRVVDV EF
Tag:	His-tag
Predicted MW:	41.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CDK16 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_001163931
Locus ID:	5127
UniProt ID:	Q00536 , Q9BRL4
Cytogenetics:	Xp11.3
Synonyms:	PCTAIRE; PCTAIRE1; PCTGAIRE; PCTK1



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Summary:

The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2009]

Protein Families:

Druggable Genome, Protein Kinase

Product images: