

## 32-2965: CDK16 Recombinant Protein

**Alternative Name :**

Cyclin-Dependent Kinase 16,PCTK1,Serine/Threonine-Protein Kinase, Serine/Threonine-Protein Kinase PCTAIRE-1,Cell Division Protein Kinase 16,PCTAIRE Protein Kinase 1,PCTAIRE,PCTGAIRE,EC 2.7.11.22,EC 2.7.11,PCTAIRE-Motif Protein Kinase 1

### Description

Source : Escherichia Coli. CDK16 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 362 amino acids (158-496aa) and having a molecular mass of 41.1kDa.CDK16 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CDK16 is a member of the CDK family of serine/threonine protein kinases which are known to regulate the cell cycle. These proteins have a core kinase domain flanked by unique amino- and carboxy- terminal domains. CDK16, which is expressed mainly in mammalian brain, cooperates with an assortment of proteins, and is a part of a multiple signal transduction cascade.

### Product Info

**Amount :**

20 µg

**Purification :**

Greater than 95% as determined by SDS-PAGE.

**Content :**

CDK16 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.

**Storage condition :**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.

**Amino Acid :**

MGSSHHHHHH SSGLVPRGSH MGSFGKLET YIKLDKLGEG TYATVYKGS KLTDNLVALK EIRLEHEEGA  
PCTAIREVSL LKDLKHANIV TLHDIHTEK SLTLVFEYLD KDLKQYLDDC GNIINMHNVK LFLFLLRGL  
AYCHRQKVLH RDLKPQNLI NERGELKLD FGLARAKSIP TKTYSNEVVT LWYRPPDILL GSTDYSTQID  
MWGVGCIFYE MATGRPLFPG STVEEQLHFI FRILGTPTEE TWPGILSNEE FKTYNPKYR AEALLSHAPR  
LDSGDADLLT KLLQFEGNR ISAEDAMKHP FFLSLGERIH KLPDTSIFA LKEIQLQKEA SLRSSMPDS  
GRPAFRVVDVDT EF

