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CDK16, 158-496 aa, Human, His tag, E.coli

产品货号: TP01555

第三版

别名:Cyclin-dependent kinase 16 isoform 1, PCTAIRE, PCTAIRE1, PCTGAIRE, PCTK1

描述:Cyclin-dependent kinase 16 isoform 1, also known as CDK16, belong to the CDK family of serine/threonine protein kinases. These proteins have a core kinase domain flanked by unique amino- and carboxy-terminal domains. CDK proteins are known to regulate the cell cycle. CDK16, which is expressed primarily in mammalian brain, interacts with a variety of proteins, and is thought to be part of a multiple signal transduction cascade. Recombinant human CDK16 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

分子量:41.1 kDa (362aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSGFGKLETYIKLDKLGEGTYATVYKKGKSKLTDNLVALKEIRLEHEEGAPCTAIREVSL
KDLKHANIVTLHDIIHTEKSLTLVFEYLDKDLKQYLDDCGNIIIMHNVKLFLFQLLRGLAYCHRQKVLHRDLKPQNLLINE
RGELKLADFGGLARAKSIPTKTYSNEVVTLWYRPPDILLGSTDYSTQIDMWGVGCIFYEMATGRPLFPGSTVEEQLHFIFRILG
TPTEETWPGILSNEEFKTYNYPKYRAEALLSHAPRLDSDGADLLTKLLQFEGRNRISAEDAMKHPFFLSLGERIHKLPDTTTSIF
ALKEIQLQKEASLRSSSMPDSGRPAFRVVDTEF

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.