

32-2962: CDK3 Recombinant Protein

Alternative Name : Cyclin-dependent kinase 3, Cell division protein kinase 3, CDK3, CDKN3.

Description

Source : Escherichia Coli. CDK3 Human Recombinant produced in E. coli is a single polypeptide chain containing 328 amino acids (1-305) and having a molecular mass of 37.4kDa. CDK3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cyclin-dependent kinase 3, also known as CDK3, is a part of the cyclin-dependent protein kinase family. CDK3 promotes entry into S phase, partially by activating members of the E2F family of transcription factors. CDK3 also associates with cyclin C and phosphorylates the retinoblastoma one protein to promote exit from G0.

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 85% as determined by SDS-PAGE. |
| Content : | The CDK3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea 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). Avoid multiple freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSSLVPRGSH MGSMDMFQKV EKIGEGTYGV VYKAKNRETG QLVALKKIRL DLEMEGVPST AIREISLLKE LKHPNIVRLL DVVHNERKLY LVFEFLSQDL KKYMDSTPGS ELPLHLIKSY LFQLLQGVSF CHSHRVIHRD LKPQNLLINE LGAIKLADFG LARAFGVPLR TYTHEVVTW YRAPEILLGS KFYTTAVDIW SIGCIFAEMV TRKALFPGDS EIDQLFRIFR MLGTPSEDW PGVTQLPDYK GSFPAKTRKG LEEIVPNLEP EGRDLLMQLL QYDPSQRITA KTAHAHPYFS SPEPSAARQ YVLQRFH. |

