

Cyclin-Dependent Kinase Inhibitor 3 Human Recombinant

Item Number	rAP-0924
Synonyms	Cyclin-dependent kinase inhibitor 3, CDK2-associated dual-specificity phosphatase, Cyclin-dependent kinase interactor 1, Cyclin-dependent kinase-interacting protein 2, Kinase-associated phosphatase, KAP, CDI1, CIP2, KAP1, FLJ25787, MGC70625, CDKN3.
Description	CDKN3 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 232 amino acids (1-212 a.a.) and having a molecular mass of 25.9kDa. The CDKN3 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q16667
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKPPSSIQTS EFDSSDEEPI EDEQTPIHIS WLSLSRVNCS QFLGL-CALPG CKFKDVRRNV QKDTEELKSC GIQDIFVFCT RGELSKYRVP NLLDLYQQCG IITHHHPIAD GGTPDIASCC EIMEELTTCL KNYRKTLIHC YGGLGRSCLV AACLLLYLSD TISPEQAIDS LRDLRGSGAI QTIKQYNYLH EFRDKLAAHL SSRDSQSRSV SR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CDKN3 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**