

Cyclin-Dependent Kinase Inhibitor 1B Human Recombinant

Item Number	rAP-0915
Synonyms	Cyclin-dependent kinase inhibitor 1B, Cyclin-dependent kinase inhibitor p27, p27Kip1, CDKN1B, KIP1, MEN4, CDKN4, MEN1B.
Description	CDKN1B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-198 a.a.) and having a molecular mass of 24.2kDa (Molecular weight on SDS-PAGE will appear higher). CDKN1B is fused to a 20 amino acid His-tag at N-terminus & purified by
Uniprot Accesion Number	P46527
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSNVRVSNGS PSLERMDARQ AEHPKPSACR NLFGPVDHEE LTRDLEKHCR DMEEAQRKW NFDFQNHKPL EGKYEWQEVE KGSLPEFYR PPRPPKGACK VPAQESQDV SGRPAAPLIG APANSEDTHL VDPKTDPDS QTGLAEQCAG IRKRPATDDS STQNKRANRT EENVSDGSPN AGSVEQTPKK PGLRRRQT.
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	CDKN1B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 20% glycerol. 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 end users! This product is sold for **Research Use Only**