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32-3371: C1D Recombinant Protein

Alternative Name : hC1D,LRP1,SUN-CoR,SUNCOR,Nuclear nucleic acid-binding protein C1D,C1D.

Description

Source : Escherichia Coli. C1D Human Recombinant produced in E. coli is a single polypeptide chain containing 164 amino acids (1-141) and having a molecular mass of 18.4kDa. C1D is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. C1D s which regulates TRAX/Translin complex formation takes part in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA. C1D which activates PRKDC in the presence of linear DNA and supercoiled DNA also induces apoptosis in a p53/TP53 dependent manner.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The C1D solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.
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 SSGLVPRGSH MGSMAGEEIN EDYPVEIHEY LSAFENSIGA VDEMLKTMMS VSRNELLQKL DPLEQAKVDL VSAYTLNSMF WVYLATQGVN PKEHPVKQEL ERIRVYMNRV KEITDKKKAG KLDRGAASRF VKNALWEPKS KNASKVANKG KSKS.

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