Recombinant Human C1D, His-tagged

Cat. No. C1D-7636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human C1D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-141aa
Description	Nuclear nucleic acid-binding protein C1D, also known as C1D, plays a role in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3"-5" end processing of the 5.8S rRNA; this function may include MPHOSPH6. This protein can activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. This protein can induce apoptosis in a p53/TP53 dependent manner.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT
Molecular Mass	18.4kDa (164aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAGEEIN EDYPVEIHEY LSAFENSIGA VDEMLKTMMS VSRNELLQKL DPLEQAKVDL VSAYTLNSMF WVYLATQGVN PKEHPVKQEL ERIRVYMNRV KEITDKKKAG KLDRGAASRF VKNALWEPKS KNASKVANKG KSKS

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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C.Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	C1D C1D nuclear receptor corepressor [Homo sapiens]
Official Symbol	C1D
Synonyms	C1D; C1D nuclear receptor corepressor; C1D nuclear receptor co repressor; nuclear nucleic acid-binding protein C1D; LRP1; small unique nuclear receptor co repressor; SUN CoR; SUNCOR; C1D DNA-binding protein; nuclear DNA-binding protein; C1D nuclear receptor co-repressor; small unique nuclear receptor corepressor; small unique nuclear receptor co-repressor; hC1D; SUN-CoR; MGC12261; MGC14659;
Gene ID	10438
mRNA Refseq	NM_173177
Protein Refseq	NP_775269
MIM	606997
UniProt ID	Q13901

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Chromosome Location	2p13-p12
Pathway	RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;
Function	DNA binding; RNA binding; ligand-dependent nuclear receptor binding; protein binding; transcription corepressor activity;

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