

Recombinant Full Length Human CDT1 Protein, GST-tagged

Cat. No. CDT1-575HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CDT1(1 a.a. - 546 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	546 amino acids
Description	The protein encoded by this gene is involved in the formation of the pre-replication complex that is necessary for DNA replication. The encoded protein can bind geminin, which prevents replication and may function to prevent this protein from initiating replication at inappropriate origins. Phosphorylation of this protein by cyclin A-dependent kinases results in degradation of the protein.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	86.46 kDa
AA Sequence	MEQRRVTDFE ARRRPGPPRI APPKLACRTP SPARPALRAP ASATSGSRKR ARPPAAPGRD QARPPARRRL RLSVDEVSSP STPEAPDIPA CPSPGQKIKK STPAAGQPPH LTSAQDQDTI SELASCLQRA RELGARVRAL KASAQDAGES CTPEAEGRPE EPCGEKAPAY QRFHALAQPG LPGLVLPYKY QVLAEMFRSM DTIVGMLHNR SETPTFAKVQ RGVQDMMRRR FEERNVGQIK TVYPASYRFR QERSVPTFKD GTRRSYQLT IEPILLEQEAD GAAPQLTASR LLQRRQIFSQ

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KLVEHVKEHH KAFLASLSPA MVVPEDQLTR WHPRFNVDEV PDIEPAALPQ
 PPATEKLTTA QEVLARARNL ISPRMEKALS QLALRSAAPS SPGSPRPALP
 ATPPATPPAA SPSALKGVSQ DLLERIRAKE AQKQLAQMTR CPEQEQRLQR
 LERLPELARV LRSVVFVSEK PALSMEVACA RMVGSCCTIM SPGEMEKHLL
 LSELLPDWL SLHRIRTDY VKLDKAADLA HITARLAHQ T RAE EGL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
Gene Name

CDT1 chromatin licensing and DNA replication factor 1 [Homo sapiens]

Official Symbol

CDT1

Synonyms

CDT1; chromatin licensing and DNA replication factor 1; DNA replication factor Cdt1;
 DUP; RIS2

Gene ID

81620

mRNA Refseq

NM_030928

Protein Refseq

NP_112190

MIM

605525

UniProt ID

Q9H211

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