

Recombinant Human CDT1 protein, GST-tagged

Cat. No. CDT1-105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDT1(1 a.a. - 546 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 546 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	86.46 kDa
AA Sequence	MEQRRVTDFEFARRRPGPPRIAPPKLACRTPSPARPALRAPASATSGSRKRARPPAA PGRDQARPPARRRLRLSVD EVSSPSTPEAPDIPACPSPGQKIKKSTPAAGQPPHLT SAQDQDTISELASCLQRARELGARVRALKASAQDAGES CTPEAEGRPEEPCGEKA PAYQRFHALAQPLPGLVLPYKYQVLAEMFRSMDTIVGMLHNRSETPTFAKVQRGV QD MMRRRFEERNVGQIKTVYPASYRFRQERSVPTFKDGTRRSYQTLTIEPLLEQEA DGAAPQLTASRLQRRQIFSQ KLVEHVKEHHKAFLASLSPAMVVPEDQLTRWHPRF NVDEVPDIEPAALPQPPATEKLTTAQEVLARARNLISPRM EKALSQALRSAAPSSP GSPRPALPATPPATPPAASPSALKGVSDLLERIRAKEAQKQLAQMTRCPEQEQR QR LERLPELARVLRVSVFVSERKPALSMEVACARMVGSCCTIMSPGEMEKHLLLLSE LLPDWLSLHRIRTDTYVKLDK AADLAHITARLAHQTRAEGL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.

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; Double parked, Drosophila, homolog of;

Gene ID 81620

mRNA Refseq NM_030928

Protein Refseq NP_112190

MIM 605525

UniProt ID Q9H211

Chromosome Location 16q24.3

Pathway Activation of the pre-replicative complex, organism-specific biosystem; Assembly of the pre-replicative complex, organism-specific biosystem; Association of licensing factors with the pre-replicative complex, organism-specific biosystem; CDT1 association with the CDC6:ORC:origin complex, organism-specific biosystem; Cell

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Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
DNA Replication, organism-specific biosystem;

Function

DNA binding; protein binding;

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