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	MEQRRVTDFFARRRPGPPRIAPPKLACRTPSPARPALRAPASATSGSRKRARPPAA PGRDQARPPARRRLRLSVD EVSSPSTPEAPDIPACPSPGQKIKKSTPAAGQPPHLT SAQDQDTISELASCLQRARELGARVRALKASAQDAGES CTPEAEGRPEEPCGEKA PAYQRFHALAQPGLPGLVLPYKYQVLAEMFRSMDTIVGMLHNRSETPTFAKVQRGV QD MMRRRFEERNVGQIKTVYPASYRFRQERSVPTFKDGTRRSDYQLTIEPLLEQEA DGAAPQLTASRLLQRRQIFSQ KLVEHVKEHHKAFLASLSPAMVVPEDQLTRWHPRF NVDEVPDIEPAALPQPPATEKLTTAQEVLARARNLISPRM EKALSQLALRSAAPSSP GSPRPALPATPPATPPAASPSALKGVSQDLLERIRAKEAQKQLAQMTRCPEQEQRL QR LERLPELARVLRSVFVSERKPALSMEVACARMVGSCCTIMSPGEMEKHLLLLSE LLPDWLSLHRIRTDTYVKLDK AADLAHITARLAHQTRAEEGL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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	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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