

Recombinant Human CDC34, His-tagged

Cat. No. CDC34-26221TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Cdc34, His-tagged.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzyme catalyzes the covalent attachment of ubiquitin to other proteins. This protein is a part of the large multiprotein complex, which is required for ubiquitin-mediated degradation of cell cycle G1 regulators, and for the initiation of DNA replication.
Conjugation	HIS
Tissue specificity	Expressed in testes during spermatogenesis to regulate repression of cAMP-induced transcription.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM Sodium chloride, 50mM HEPES, 1mM DTT, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Belongs to the ubiquitin-conjugating enzyme family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	CDC34 cell division cycle 34 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	CDC34
Synonyms	CDC34; cell division cycle 34 homolog (<i>S. cerevisiae</i>); cell division cycle 34; ubiquitin-conjugating enzyme E2 R1; E2 CDC34; UBC3; UBE2R1;
Gene ID	997
mRNA Refseq	NM_004359
Protein Refseq	NP_004350
MIM	116948
Uniprot ID	P49427
Chromosome Location	19p13.3
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;
Function	ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; protein

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