

Recombinant Human CDC34, His-tagged

Cat. No. CDC34-138H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC34, fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
Form	Liquid, 50 mM Tris, pH 7.5; 150 mM NaCl; 10 mM DTT; 10% glycerol
Molecular Mass	27,730.4 Da by MS (calculated 27,730.8)
Purity	>95% by RP-HPLC
Applications	Ubiquitin ligation reactions
Storage	Store at -80°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	CDC34 cell division cycle 34 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	CDC34
Synonyms	CDC34; cell division cycle 34 homolog (S. cerevisiae); cell division cycle 34; ubiquitin-conjugating enzyme E2 R1; E2 CDC34; UBC3; UBE2R1; ubiquitin carrier protein; ubiquitin-protein ligase R1; ubiquitin-conjugating enzyme E2-CDC34; ubiquitin-

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	conjugating enzyme E2-32 KDA complementing; UBCH3; E2-CDC34;
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 and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; protein binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

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