

Recombinant Human CDC27 protein, His-tagged

Cat. No. CDC27-3589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC27 protein(481-830 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	481-830 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ALCSYNCKEAINILSHLPSHHYNTGWVLCQIGRAYFELSEYMQAERIFSEVRRIENYR VEGMEIYSTTLWHLQKDVALSVLSKDLTDMDKNSPEAWCAAGNCFSLQREHDAIAKF FQRAIQVDPNYAYAYTLLGHEFVLTEELDKALACFRNAIRVNPRHYNAWYGLGMIYY KQEKFSLAEMHFQKALDINPQSSVLLCHIGVVQHALKKSEKALDTLNKAIVIDPKNPL CKFHRASVLFANEKYKSALQELEELKQIVPKESLVYFLIGKVYKKLGQTHLALMNFSW AMDLDPKGANNQIKEAIDKRYLPDDEEIPITQEEQIMGTDESQESSMTDADDTQLHAA ESDEF
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name CDC27 cell division cycle 27 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol CDC27

Synonyms CDC27; cell division cycle 27 homolog (*S. cerevisiae*); cell division cycle 27 , D17S978E, D0S1430E; cell division cycle protein 27 homolog; ANAPC3; anaphase promoting complex subunit 3; APC3; NUC2; H-NUC; nuc2 homolog; CDC27 homolog; anaphase-promoting complex subunit 3; anaphase-promoting complex, protein 3; HNUC; CDC27Hs; D0S1430E; D17S978E;

Gene ID 996

mRNA Refseq NM_001114091

Protein Refseq NP_001107563

MIM 116946

UniProt ID P30260

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