

Recombinant Human CDC26, His-tagged

Cat. No. CDC26-27901TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Cdc26 / Apc12 with an N terminal His tag; 105 amino acids with tag, MWt 11.9 kDa.
Species	Human
Source	E.coli
ProteinLength	85 amino acids
Description	The protein encoded by this gene is highly similar to <i>Saccharomyces cerevisiae</i> Cdc26, a component of cell cycle anaphase-promoting complex (APC). APC is composed of a group of highly conserved proteins and functions as a cell cycle-regulated ubiquitin-protein ligase. APC thus is responsible for the cell cycle regulated proteolysis of various proteins.
Conjugation	HIS
Molecular Weight	11.900kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 40% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMLRRKPTRLELKLDDIEEFENIRKDLETRKKQKEDV EVVGGSDGEGAIGLSSDPKSREQMINDRIGYKPQPKPNNRSSQFGSLEF
GENE INFORMATION	
Gene Name	CDC26 cell division cycle 26 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	CDC26
Synonyms	CDC26; cell division cycle 26 homolog (<i>S. cerevisiae</i>); C9orf17, cell division cycle 26 , chromosome 9 open reading frame 17; anaphase-promoting complex subunit CDC26; ANAPC12; anaphase promoting complex subunit 12; APC12; CDC26 subunit of anaphase promo
Gene ID	246184
mRNA Refseq	NM_139286
Protein Refseq	NP_644815
Uniprot ID	Q8NHZ8
Chromosome Location	9q32
Pathway	APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem;

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APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem;

Function

protein binding;

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