

Recombinant Human CDC27

Catalog No: #GP10275



Package Size: #GP10275-1 100ug

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Description

Product Name	Recombinant Human CDC27
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human cell division cycle 27
Target Name	cell division cycle 27
Other Names	APC3; HNUC; NUC2; ANAPC3; CDC27Hs; D0S1430E; D17S978E
Accession No.	Swissprot:P30260Gene Accession:BC011656
Uniprot	P30260
GeneID	996;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene shares strong similarity with *Saccharomyces cerevisiae* protein Cdc27, and the gene product of *Schizosaccharomyces pombe* nuc 2. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eucaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction. This protein was shown to interact with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1, and thus may be involved in controlling the timing of mitosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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