

Recombinant Human CDC25C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDC25C-5300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDC25C MS Standard C13 and N15-labeled recombinant protein (NP_001781) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a conserved protein that plays a key role in the regulation of cell division. The encoded protein directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It also suppresses p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described.
Molecular Mass	53.3 kDa
AA Sequence	MSTELFSSTREEGSSGSGPSFRSNQRKMLNLLERDTSFTVCPDVPRTVPVGKFLGD SANLSILSGGTPKCCLDLSNLSSGEITATQLTTSADLDETGHLDSSGLQEVHLAGMN HDQHLMKCSQAQLLCSTPNGLDRGHRKRDAMCSSSANKENDNGNLVDSEMKYL SPITTVPKLDKNPNLGEDQAEISDELMEFSLKDQEAQVSRSGLYRSPSPMPENLNRP RLKQVEKFKDNTIPDKVKKKYFSGQGKLRKGLCLKKTVSLCDITITQMLEEDSNQGH LIGDFSKVCALPTVSGKHQDLKYVNPETVAALLSGKFQGLIEKFYVIDCRYPYEYLG HIQGALNLYSQEELFNFFLKKPIVPLDTQKRIIVFHCFSSERGPRMCRCLREEDRSL NQYPALYYPELYILKGGYRDFPEYMELCPEQSYCPMHHQDHKTELLRCRSQSKVQ EGERQLREQIALLVKDMSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CDC25C cell division cycle 25C [Homo sapiens (human)]
Official Symbol	CDC25C
Synonyms	CDC25C; cell division cycle 25 homolog C (S. pombe); CDC25, cell division cycle 25 homolog C (S. cerevisiae), cell division cycle 25C; M-phase inducer phosphatase 3; PPP1R60; protein phosphatase 1; regulatory subunit 60; mitosis inducer CDC25; cell division cycle 25C; phosphotyrosine phosphatase; dual specificity phosphatase CDC25C; protein phosphatase 1, regulatory subunit 60; CDC25;
Gene ID	995
mRNA Refseq	NM_001790
Protein Refseq	NP_001781
MIM	157680

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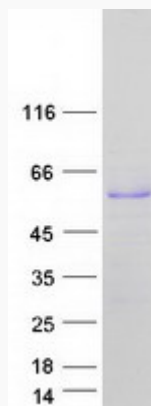
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UniProt ID

P30307

SDS-PAGE

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