

Recombinant Full Length Human CDC25C Protein, GST-tagged

Cat. No. CDC25C-3054HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC25C full-length ORF (AAH19089.1, 1 a.a. - 473 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	473 amino acids
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. [provided by RefSeq, Dec 2015]
Molecular Mass	79.7 kDa
AA Sequence	MSTELFSSTREEGSSGSGPSFRSNQRKMLNLLLERDTSFTVCPDVPRTTPVGKFLGD SANLSILSGGTPKCCLDLSNLSSGEITATQLTTSADLDETGHLDSSGLQEVHLAGMN HDQHLMKCSQAQLLCSTPNGLDRGHRKRDAMCSSSANKENDNGNLVDSEMKYLG SPITTVPKLDKNPNLGEDQAEIISDELMEFSLKDQEAKVSRGLYRSPSPENLNRP RLKQVEKFKDNTIPDKVKKKYFSGQGKLRKGLCLKKTVSLCDITITQMLEEDSNQGH LIGDFSKVCALPTVSGKHQDLKYVNPETVAALLSGKFQGLIEKFYVIDCRYPYEYLG HIQGALNLYSQEELFNFFLKKPIVPLDTQKRIIVFHCFSSERGPRMCRCLREEDRSL NQYPALYYPELYILKGGYRDFPEYMELCPEQSYCPMHHQDHKTELLRCRSQSKVQ

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Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CDC25C cell division cycle 25 homolog C (*S. pombe*) [*Homo sapiens*]

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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UniProt ID

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