

Recombinant Full Length Human CDC20 Protein, C-Flag-tagged

Cat. No. CDC20-1042HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CDC20 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	CDC20 appears to act as a regulatory protein interacting with several other proteins at multiple points in the cell cycle. It is required for two microtubule-dependent processes, nuclear movement prior to anaphase and chromosome separation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.5 kDa
AA Sequence	MAQFAFESDLHSLQLDAPIPNAAPPARWQRKAKEAAGPAPSPMRAANRSHSAGRT PGRTPGKSSSKVQTT PSKPGGDRYIPHRSAQMEVASFLLSKENQPENSQTPTKK EHQKAWALNLNGFDVEEAKILRLSGKPQNA PEGYQNRLLKVLVSQKATPGSSRKTC RYIPSLPDRILDAPEIRNDYYLNLVDWSSGNVLAVALDNSVYLWS ASSGDILQLLQM EQPGEYISSVAWIKEGNYLAVGTSSAEVQLWDVQQQKRLRNMTSHSARVGSLSWN SYI LSSGSRSGHIHHHDVRVAEHHVATLSGHSQEVCGLRWAPDGRHLASGGNDNL VNVWPSAPGEGGWVPLQT FTQHQGAVKAWAWCPWQSNVLATGGGTSDRHIRIW NVCSGACLSAVDAHSQVCSILWSPHYKELISGHGF AQNQLVIWKYPTMAKVAELKG HTSRVLSLTMSPDGATVASAAADETLRLWRCFELDPARRREREKASAAK

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	SSLIHQGIRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Cell cycle, Oocyte meiosis, Ubiquitin mediated proteolysis
Full Length	Full L.

GENE INFORMATION

Gene Name	CDC20 cell division cycle 20 [Homo sapiens (human)]
Official Symbol	CDC20
Synonyms	CDC20A; p55CDC; bA276H19.3
Gene ID	991
mRNA Refseq	NM_001255.3

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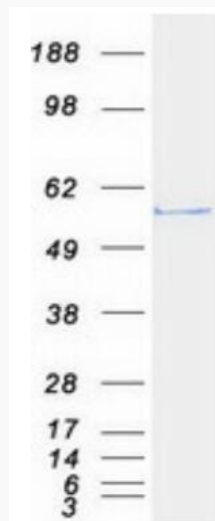
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Protein Refseq NP_001246.2

MIM 603618

UniProt ID Q12834



Coomassie blue staining of purified CDC20 protein.

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