

## Product datasheet for TP300911

### CDC20 (NM\_001255) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cell division cycle 20 homolog ( <i>S. cerevisiae</i> ) (CDC20), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200911 protein sequence Red=Cloning site Green=Tags(s)

MAQFAFESDLHSLQLDAPIPNAPPARWQRKAKEAAGPAPSPMRAANRSHSAGRTPGRTPGKSSSKVQT  
T  
PSKPGGDRYIPHRSAQMEVASFLLSKENQPENSQTPTKKEHQKAWALNLNGFDVVEAKILRLSGKPQN  
A  
PEGYQNRKLVLYSQKATPGSSRKTCRYIPSLPDRILDAPEIRNDYYLNLVDWSSGNVLAVALDNSVYLWS  
ASSGDILQLLQMEQPGEYISSVAWIKEGNYLAVGTSSAEVQLWDVQQKRLRNMTSHSARVGSLSWNSYI  
LSSGSRSGHIHHHDVRAEHHVATLSGHSQEVCGLRWAPDGRHLASGGNDNLVNVWPSAPGEGGWVP  
LQT  
FTQHQGAVKAWAWCPWQSNVLATGGGTSDRHIRIWNVCSGACLSAVDAHSQVCSILWSPHYKELISGHG  
F  
AQNQLVIWKYPTMAKVAELKGHTSRVLSLTMSPDGATVASAAADETLRLWRCFELDPARRREREKASAAK  
SSLIHQGIR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

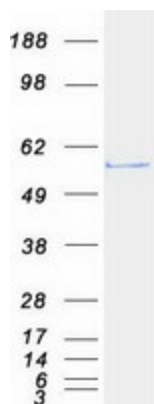
Tag:	C-Myc/DDK
Predicted MW:	54.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001246</a>
Locus ID:	991
UniProt ID:	<a href="#">Q12834</a>
RefSeq Size:	1697
Cytogenetics:	1p34.2
RefSeq ORF:	1497
Synonyms:	bA276H19.3; CDC20A; p55CDC
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle, Oocyte meiosis, Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified CDC20 protein (Cat# TP300911). The protein was produced from HEK293T cells transfected with CDC20 cDNA clone (Cat# [RC200911]) using MegaTran 2.0 (Cat# [TT210002]).