

## Product datasheet for **TP508003**

### Cdc20 (NM\_023223) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cell division cycle 20 (Cdc20), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208003 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAQFVFESDLHSLQLDAPIPNAPVARWQRKAKEATGPAPSPMRAANRSHSAGRTPGRTPGKSSSKVQTT PSKPGGDRFIPQRSASQMEVASFLLSKENQPEDRGTPTKKEHQKAWSLNLDVDFVEEAKILRLSGKPNQNA PEGYQNRLKVLYSQKATPGSSRKTCRYIPSLPDRILDAPEIRNDYYLNLVDWSSGNVLAVALDNSVYLWN AGSGDILQLLQMEQPGDYISSVAWIKEGNYLAVGTSNAEVQLWDVQQKRLRNMTSHSARVSSLSWNSYI LSSGSRSGHIIHHHDVVRVAEHHVATLSGHSQEVCGLRWAPDGRHLASGGNDNIVNVWPSGPGESGWAPLQT FTQHQGAVKAWCPWQSNILATGGGTSDRHIRIWNVCSGACLSAVDVHSQVCSILWSPHYKELISGHGF AQNQLVIWKYPTMAKVAELKGHTARVLGLTMSPDGATVASAAADETLRLWRCFEMDPALRREREKASVAK SSLIHQGIR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	54.8 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
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:	<u><a href="#">NP_075712</a></u>



[View online »](#)

Locus ID: 107995

UniProt ID: [Q9J166](#)

RefSeq Size: 1793

Cytogenetics: 4 D2.1

RefSeq ORF: 1500

Synonyms: 2310042N09Rik; C87100; p55CDC

**Summary:** Required for full ubiquitin ligase activity of the anaphase promoting complex/cyclosome (APC/C) and may confer substrate specificity upon the complex. Is regulated by MAD2L1: in metaphase the MAD2L1-CDC20-APC/C ternary complex is inactive and in anaphase the CDC20-APC/C binary complex is active in degrading substrates. The CDC20-APC/C complex positively regulates the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. CDC20-APC/C-induced degradation of NEUROD2 induces presynaptic differentiation.[UniProtKB/Swiss-Prot Function]