

## Product datasheet for **TP510280**

### **Kif2c (NM\_134471) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse kinesin family member 2C (Kif2c), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR210280 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MESLHARLFPGLSINIQRSNGLIHPANISTVNVEKSCVSVIEWIEGGTTKGKEIDIDDVAAINPELLQLLP  
LRPKDSLPLQENVTPKQKRKSVNSKIPALKEGLRSRSTRMSTVSEVRIPAQENEMEVLPVPTNSRKQF  
AIPSHPRASCSTVTEPLLLMVSEEAEEQAHSTRSTSSANPGNSVRRKSCIVKEMEKMKNKREEKRAQNSE  
LRIKRAQEYDSSFPNWEFARMIKEFRVTMECSPLTVDPIEEHRICVCRKRPLNKQELAKKEIDVISVP  
SKCLLLVHEPKLKVDLTKYLENQAFCFDAFDETSNEVVYRFTARPLVQTIFEGGKATCFAYGQTGSGK  
THTMGDDLSGKSQNASKGIYAMASRDVLLKNQPRYRNLNLEVYVTFEYIYNGKVFLLNKKAKLRVLED  
SRQQVQVWGLQEYLVTCADDVIKMINMGSACTSGQTFANSNSSRSHACFQILLRTKGRHLHGKFSLVDLA  
GNERGADTSSADRQTRMEGAEINKSLLALKECIRALGQNKAAHTPFRESKLTQVLRDSFIGENSRTCMIAM  
ISPGISSCEYTLNTRYADRVKELSPHSGPSGEQPVQMETEVMEASSNGTSLTGNEEEELSSQMSSFNEA  
MTQIRELEERALEELREIIQQGPNWLELSEMTDQPDYDLETQVFNKAESALTQQAKQAKHFSALREVIKAL  
RLAMQLEEQASKQINSKRRHQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	81.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.



[View online »](#)

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_608301</a>
<b>Locus ID:</b>	73804
<b>UniProt ID:</b>	<a href="#">Q922S8</a> , <a href="#">Q3TTL2</a> , <a href="#">Q3UD72</a>
<b>RefSeq Size:</b>	2840
<b>Cytogenetics:</b>	4 53.42 cM
<b>RefSeq ORF:</b>	2166
<b>Synonyms:</b>	4930402F02Rik; ESTM5; Knsl6; MCAK; X83316
<b>Summary:</b>	In complex with KIF18B, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells (PubMed:14980225). Regulates the turnover of microtubules at the kinetochore and functions in chromosome segregation during mitosis. Plays a role in chromosome congression and is required for the lateral to end-on conversion of the chromosome-microtubule attachment (By similarity).[UniProtKB/Swiss-Prot Function]