

## Product datasheet for **TP501597**

### D2Wsu81e (BC078441) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse DNA segment, Chr 2, Wayne State University 81, expressed (cDNA clone MGC:90552 IMAGE:5686308), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201597 protein sequence Red=Cloning site Green=Tags(s)
	MKKLERQRAQEEEEAKRQEEEEAAAQRSNQGRPYTLSVALPGSILDNAQSPELRTYLAGQIARACTIFCV DEIVVFDEEGQDTKSVEGEFRGVGKKGQACVQLARILQYLECPQYLRKAFFPKHQDLQFAGILNPLDSPH HMRQDEESEFREGVVDRPTKAGHGSLVNCGMKLLFRR
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.3 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.
Locus ID:	227695
UniProt ID:	<a href="#">Q3UHX9</a>
RefSeq Size:	2440
Cytogenetics:	2 21.29 cM



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RefSeq ORF: 537

Synonyms: 9930028P05; AL033358

**Summary:** Required for association of the centrosomes with the poles of the bipolar mitotic spindle during metaphase. Also involved in chromosome alignment. May promote centrosome maturation probably by recruiting A-kinase anchor protein AKAP9 to centrosomes in early mitosis. Binds specifically to miRNA MIR145 hairpin, regulates MIR145 expression at a posttranscriptional level (By similarity).[UniProtKB/Swiss-Prot Function]