

## Product datasheet for **TP503186**

### Kcnip4 (BC051130) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Kv channel interacting protein 4 (cDNA clone MGC:58176 IMAGE:6532082), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203186 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNVRRVESISAQLEEASSTGGFLYAQNNTKRSIKERLMKLLPCSAAKTSSPAIQNSVEDELEMATVRHRP EAELELLEAQSFKKELQILYRGFKNECPGSWVNEETFKEIYSQFFPQGDSTTYAHFLFNAFDTDHNGAV SFEDFIKGLSILLRGTVQEKLNWAFNLYDINKDGYITKEMLDIMKAIYDMMGKCTYPVLKEDAPRQHVE TFFQKMDKNKDGWVTIDEFIESCQKDENIMRSMQLFENVI
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	28.8 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.
Locus ID:	80334
UniProt ID:	<a href="#">Q6PHZ8</a>
RefSeq Size:	2392



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<b>Cytogenetics:</b>	5 B3
<b>RefSeq ORF:</b>	750
<b>Synonyms:</b>	KChIP4, Calp250, Calp
<b>Summary:</b>	Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels, such as KCND2/Kv4.2 and KCND3/Kv4.3 (PubMed:19109250). Modulates channel expression at the cell membrane, gating characteristics, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. [UniProtKB/Swiss-Prot Function]