

## Product datasheet for **TP501486**

### Cabp5 (NM\_013877) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calcium binding protein 5 (Cabp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201486 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MQFPMGPACIFLRKGIAEKQRERPLGQDELDELREAFLEFDKDQDGFISYKDLGNLMRTMGYPTEML T ELGQQIRMNLGGRVDFEDFVELMTPKLLAETAGMIGVQEMRDAFKEFDANGDGEITLAEQQAMQRLLE E KLTPREIAEVVQEADINGDGTVDFFEEFVKMMSR  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	19.7 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:	<a href="#">NP_038905</a>
Locus ID:	29865
UniProt ID:	<a href="#">Q9JLK3</a>


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RefSeq Size: 1745

Cytogenetics: 7 A1

RefSeq ORF: 519

**Summary:** Inhibits calcium-dependent inactivation of L-type calcium channel and shifts voltage dependence of activation to more depolarized membrane potentials (PubMed:18586882). Involved in the transmission of light signals (PubMed:18586882). May positively regulate neurotransmitter vesicle endocytosis and exocytosis in a salt-dependent manner (PubMed:22039235). May play a role in the extension and network organization of neurites (PubMed:22039235).[UniProtKB/Swiss-Prot Function]