

## Product datasheet for TP501049

### Calml3 (NM\_027416) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calmodulin-like 3 (Calml3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201049 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MADQLTEEQIAEFKEAFSLFDKDGSGSITTQELGTVMRS LGQNPTAE LQGMVNEIDKDGNGTVDFPKFL TMMSRKMKDDTDSEEEIREAFRVFDKDGNGFVSAELRHVMTKLGEKLSDEEVDEMIQAADTDGGQVNYE EFVHMLVSK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	16.7 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_081692</a>
Locus ID:	70405
UniProt ID:	<a href="#">Q9D6P8</a>
RefSeq Size:	1426
Cytogenetics:	13 A1



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RefSeq ORF: 450

Synonyms: 2310068O22Rik; AI326174

**Summary:** May function as a specific light chain of unconventional myosin-10 (MYO10), also enhances MYO10 translation, possibly by acting as a chaperone for the emerging MYO10 heavy chain protein. May compete with calmodulin by binding, with different affinities, to cellular substrates (By similarity).[UniProtKB/Swiss-Prot Function]