

## Product datasheet for **TP503228**

### Clic4 (NM\_013885) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chloride intracellular channel 4 (mitochondrial) (Clic4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203228 representing NM_013885 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MALSMPLNGLKEEDKEPLIELFVKAGSDGESIGNCPFSQRLFMILWLKGVFSVTTVDLKRKPADLQNLA PGTHPPFITFNSEVKTDVKNKIEEFLEEVLCPPKYLKLSPKHPESNTAGMDIFAKFSAYIKNSRPEANEAL ERGLLKTQLDEYLN SPLPDEIDENS MEDIKFSTRFLDGD EMTLADCNLLPKLHIVKVVAKKYRNFDI PKGMTGIWRYLTNAYS RDEFTNTCP SDKEVEIAYS DVAKRLTK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	29.2 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_038913</a>
Locus ID:	29876
UniProt ID:	<a href="#">Q9QYB1</a> , <a href="#">Q543N5</a>
RefSeq Size:	4065



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**Cytogenetics:** 4 D3

**RefSeq ORF:** 759

**Synonyms:** D0Jmb3; mc3s5; mtCLIC; TU-74

**Summary:** Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Promotes cell-surface expression of HRH3 (By similarity). May play a role in angiogenesis.[UniProtKB/Swiss-Prot Function]