

## Product datasheet for TP503796

### Ermn (NM\_029972) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse ermin, ERM-like protein (Ermn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR203796 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MTDTPETLSGTECNGDRPPENGQQPSSQTRQETDDAETQAYYKVEPSLEDLPAKENQEETGNTKGNILP  
KGPEDEKILNENPEENLFVVHQAIDLSLQEISAEDMAFREGHPWKKIPPNSSNLEVSRQKERTAQQQLE  
QRGDASTTEIEWLGFQKSRPVDILHSKCDEEEEEEEVWNEEINEEDVDECAEEDEVRVIEFKRKHREG  
SPLKEESLAREDSPLGSPGSQPGTPDEQPVFGKKGDIARNSYSRYNTISYRKIRKGNTKQRIDEFESMMH  
L

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 32.1 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:** NP\_084248

**Locus ID:** 77767

**UniProt ID:** Q5EBJ4

**RefSeq Size:** 3550

**Cytogenetics:** 2

**RefSeq ORF:** 843

**Synonyms:** A330104H05Rik; A1854460; ermin; mKIAA1189

**Summary:** Plays a role in cytoskeletal rearrangements during the late wrapping and/or compaction phases of myelinogenesis as well as in maintenance and stability of myelin sheath in the adult. May play an important role in late-stage oligodendroglia maturation, myelin/Ranvier node formation during CNS development, and in the maintenance and plasticity of related structures in the mature CNS (By similarity).[UniProtKB/Swiss-Prot Function]