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Product datasheet for TP305430

ERMN (NM_020711) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ermin, ERM-like protein (ERMN), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205430 protein sequence Red=Cloning site Green=Tags(s) MTDVPATFTQAECNGDKPPENGQQTITKISEELTDVDSPLPHYRVEPSLEGALTKGSQEERRKLQGNMLL NSSMEDKMLKENPEEKLFIVHKAITDLSLQETSADEMTFREGHQWEKIPLSGSNQEIRRQKERITEQPLK EEEDEDRKNKGHQAAEIEWLGFRKPSQADMLHSKHDEEQKVWDEEIDDDDDDNCNNDEDEVRVIEFKKKH EEVSQFKEEGDASEDSPLSSASSQAVTPDEQPTLGKKSDISRNAYSRYNTISYRKIRKGNTKQRIDEFES MMHL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.

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_065762

Locus ID: 57471

UniProt ID: Q8TAM6

RefSeq Size: 3790

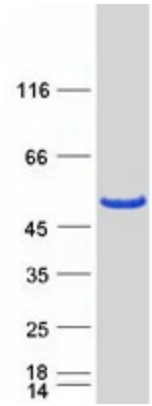
Cytogenetics: 2q24.1

RefSeq ORF: 852

Synonyms: JN; KIAA1189

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]

Product images:



Coomassie blue staining of purified ERMN protein (Cat# TP305430). The protein was produced from HEK293T cells transfected with ERMN cDNA clone (Cat# [RC205430]) using MegaTran 2.0 (Cat# [TT210002]).