

## Product datasheet for PH305430

### ERMN (NM\_020711) Human Mass Spec Standard

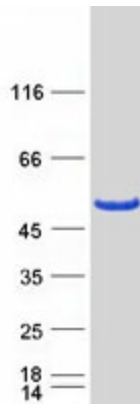
#### Product data:

Product Type:	Mass Spec Standards
Description:	ERMN MS Standard C13 and N15-labeled recombinant protein (NP_065762)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205430
Predicted MW:	32.8 kDa
Protein Sequence:	<p>&gt;RC205430 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MTDVPATFTQAECNGDKPPENGQQTITKISEELTDVDSPLPHYRVEPSLEGALTKGSQEERRKLQGNMLL  NSSMEDKMLKENPEEKLFIVHKAITDLSLQETSADMTFREGHQWEKIPLSGSNQEIIRQKERITEQPLK  EEDEDRKNKGHQAAEIEWLGFRKPSQADMLHSHKDEEQKVWDEEIDDDDDNCNDEDEVRIEFKKKH  EEVSQFKEEGDASEDSPSSASSQAVTPDEQPTLGKKSDISRNASRYNTISYRKIRKGNTKQRIDEFES  MMHL</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_065762</u>
RefSeq Size:	3790



<b>RefSeq ORF:</b>	852
<b>Synonyms:</b>	JN; KIAA1189
<b>Locus ID:</b>	57471
<b>UniProt ID:</b>	<u><a href="#">Q8TAM6</a></u>
<b>Cytogenetics:</b>	2q24.1
<b>Summary:</b>	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]).