

## Product datasheet for PH302120

### CNIH3 (NM\_152495) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CNIH3 MS Standard C13 and N15-labeled recombinant protein (NP_689708)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202120
Predicted MW:	19 kDa
Protein Sequence:	<p>&gt;RC202120 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAFTFAAFCYMLSLVLCAALIFFAIWHIIAFDELRTDFKSPIDQCNPVHARERLRNIERICFLLRKLVLPEYSIHSLFCIMFLCAQEWLTGLNVPLLFYHFWRYFHCPADSSSELAYDPPVVMNADTLSYCQKEAWCKLAFYLLSFFYYLYCMIYTLVSS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</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:	<a href="#">NP_689708</a>
RefSeq Size:	2372
RefSeq ORF:	480
Synonyms:	CNIH-3
Locus ID:	149111
UniProt ID:	<a href="#">Q8TBE1</a>

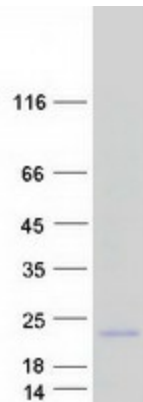

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**Cytogenetics:** 1q42.12

**Summary:** Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPA-Rs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by regulating their rates of activation, deactivation and desensitization. [UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CNIH3 protein (Cat# [TP302120]). The protein was produced from HEK293T cells transfected with CNIH3 cDNA clone (Cat# [RC202120]) using MegaTran 2.0 (Cat# [TT210002]).