

## Product datasheet for PH315357

### Protein cornichon homolog 2 (CNIH2) (NM\_182553) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CNIH2 MS Standard C13 and N15-labeled recombinant protein (NP_872359)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215357
Predicted MW:	18.8 kDa
Protein Sequence:	>RC215357 representing NM_182553 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAFTFAAFCYMLTLVLCASLIFFVIWHIIAFDELRTDFKNPIDQGNPARARERLKNIERICLLRKLVP EYSIHGLFCLMFLCAAEWTLGLNIPLLFYHLWRYFHRPADGSEVMYDAVSIMNADILNYCQKESWCKLA FYLLSFFYYLYSMVYTLVSF  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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_872359</a>
RefSeq Size:	1399
RefSeq ORF:	480
Synonyms:	CNIH-2; Cnil
Locus ID:	254263
UniProt ID:	<a href="#">Q6PI25</a>



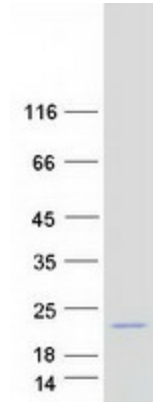
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**Cytogenetics:** 11q13.2

**Summary:** The protein encoded by this gene is an auxiliary subunit of the ionotropic glutamate receptor of the AMPA subtype. AMPA receptors mediate fast synaptic neurotransmission in the central nervous system. This protein has been reported to interact with the Type I AMPA receptor regulatory protein isoform gamma-8 to control assembly of hippocampal AMPA receptor complexes, thereby modulating receptor gating and pharmacology. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified CNIH2 protein (Cat# [TP315357]). The protein was produced from HEK293T cells transfected with CNIH2 cDNA clone (Cat# [RC215357]) using MegaTran 2.0 (Cat# [TT210002]).