

## Product datasheet for **TP315357M**

### Protein cornichon homolog 2 (CNIH2) (NM\_182553) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cornichon homolog 2 (Drosophila) (CNIH2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215357 representing NM_182553 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAFTFAAFCYMLTLVLCASLIFFVIWHIIAFDELRTDFKNPIDQGNPARARERLKNIERICLLRKLVP EYSIHGLFCLMFLCAAEWVTLGLNIPLLFYHLWRYFHRPADGSEVMYDAVSIMNADILNYCQKESWCKLA FYLLSFFYYLYSMVYTLVSF  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	18.8 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:	<a href="#">NP_872359</a>
Locus ID:	254263
UniProt ID:	<a href="#">Q6PI25</a>
RefSeq Size:	1399



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Cytogenetics: 11q13.2

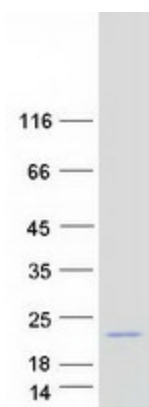
RefSeq ORF: 480

Synonyms: CNIH-2; Cnil

**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]).