

Recombinant Mouse Cnih2 Protein, MYC/DDK-tagged

Cat. No. Cnih2-908M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cornichon family AMPA receptor auxiliary protein 2 (Cnih2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a protein that is an auxiliary subunit of the ionotropic glutamate receptor of the AMPA subtype. This protein is similar to a Drosophila protein involved in anterior-posterior and dorsal-ventral patterning. Cnih2 conditional knockout mice exhibit reduced AMPA receptor synaptic transmission in the hippocampus. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	18.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Cnih2 cornichon family AMPA receptor auxiliary protein 2 [Mus musculus (house mouse)]
Official Symbol	Cnih2
Synonyms	Cnih2; cornichon family AMPA receptor auxiliary protein 2; Cnil; CNIH-2; protein cornichon homolog 2; cornichon homolog 2; cornichon-like protein
Gene ID	12794
mRNA Refseq	NM_009920
Protein Refseq	NP_034050
UniProt ID	O35089

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