

Recombinant Human CNIH2, GST-tagged

Cat. No. CNIH2-11380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNIH2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-137a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CNIH2 cornichon homolog 2 (Drosophila) [Homo sapiens]
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Official Symbol	CNIH2
Synonyms	CNI like; CNIH 2; CNIH2; CNIH2_HUMAN; Cnih3; Cnil; Cornichon homolog 2 (Drosophila); Cornichon homolog 2; Cornichon like protein; Cornichon, Drosophila, homolog of, 2; Cornichon-like protein; Protein cornichon homolog 2; RGD1304930;
Gene ID	254263
mRNA Refseq	NM_182553.2
Protein Refseq	NP_872359.1
MIM	611288
UniProt ID	Q6PI25
Chromosome Location	11q13.2
Function	protein binding;