

Recombinant Full Length Human CNIH2 Protein, GST-tagged

Cat. No. CNIH2-1924HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNIH2 full-length ORF (NP_872359.1, 1 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	160 amino acids
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. [provided by RefSeq, Aug 2012]
Molecular Mass	45.3 kDa
AA Sequence	MAFTFAAFCYMLTLVLCASLIFFVIWHIIAFDELRTDFKNPIDQGNPARARERLKNIERI CCLLRKLVVPEYSIHGLFCLMFLCAA EWVTLGLNIPLLFYHLWRYFHRPADGSEVMY DAVSIMNADILNYCQKESWCKLAFYLLSFFYYLYSMVYTLVSF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CNIH2 cornichon homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	CNIH2
Synonyms	Cnil; CNIH-2
Gene ID	254263
mRNA Refseq	NM_182553.2
Protein Refseq	NP_872359.1
MIM	611288
UniProt ID	Q6PI25

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