

Recombinant Human KCNIP3 Protein, GST-tagged

Cat. No. KCNIP3-1961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSEN full-length ORF (AAH12850, 1 a.a. - 256 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. Members of this family are small calcium binding proteins containing EF-hand-like domains. They are integral subunit components of native Kv4 channel complexes that may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The encoded protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Molecular Mass	53.90 kDa
AA Sequence	MQPAKEVTKASDGSLLGDLGHTPLSKKEGIKWQRPRLSRQALMRCCLVKWILSSTA PQGSDDSSSELELSTVRHQPEGLDQLQAQTKFTKKELQSLYRGFKNECPTGLVDED TFKLIYAQFFPQGDATTYAHFLFNAFDADGNGAIHFEDFVVGLSILLRGTVHEKWKWA FNLYDINKDGYITKEEMLAIMKSIYDMMGRHTYPILREDAPAEHVERFFEKMDRNQD GVVTIEEFLEACQKDENIMSSMQLFENVI

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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	KCNIP3 Kv channel interacting protein 3, calsenilin [Homo sapiens]
Official Symbol	KCNIP3
Synonyms	KCNIP3; Kv channel interacting protein 3, calsenilin; calsenilin, presenilin binding protein, EF hand transcription factor , CSEN; calsenilin; DREAM; KCHIP3; DRE-antagonist modulator; kv channel-interacting protein 3; potassium channel interacting protein 3; A-type potassium channel modulatory protein 3; calsenilin, presenilin-binding protein, EF hand transcription factor; CSEN; MGC18289;
Gene ID	30818
mRNA Refseq	NM_001034914
Protein Refseq	NP_001030086
MIM	604662

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UniProt ID

Q9Y2W7

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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