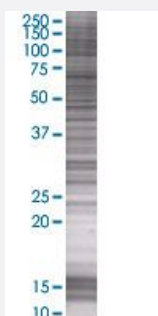


KCNIP3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00030818-T01

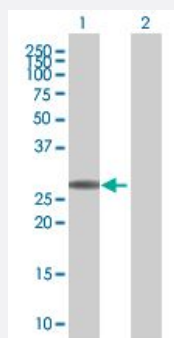
Size 100 uL

Applications



SDS-PAGE Gel

KCNIP3 transfected lysate.



Western Blot

Lane 1: KCNIP3 transfected lysate (28.27 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KCNIP3 full-length
Host	Human
Theoretical MW (kDa)	28.27
Interspecies Antigen Sequence	Rat (92)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-KCNIP3 antibody ([H00030818-B01](#)) by Western Blots.
SDS-PAGE Gel
KCNIP3 transfected lysate.
Western Blot
Lane 1: KCNIP3 transfected lysate (28.27 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — KCNIP3

Entrez GeneID

[30818](#)

GeneBank Accession#

[NM_013434.4](#)

Protein Accession#

[NP_038462.1](#)

Gene Name

KCNIP3

Gene Alias

CSEN, DREAM, KCHIP3, MGC18289

Gene Description

Kv channel interacting protein 3, calsenilin

Omim ID

[604662](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

A-type potassium channel modulatory protein 3|DRE-antagonist modulator|Kv channel interacting protein 3|calsenilin, presenilin-binding protein, EF hand transcription factor|potassium channel interacting protein 3

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Thyroid Neoplasms](#)