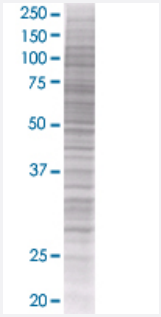
KCNIP4 293T Cell Transient Overexpression Lysate(Denatured)

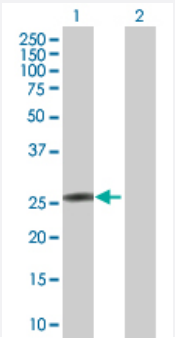
Catalog # H00080333-T01 Size 100 uL

Applications



SDS-PAGE Gel

KCNIP4 transfected lysate.



Western Blot

Lane 1: KCNIP4 transfected lysate (27.61 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KCNIP4 full-length
Host	Human
Theoretical MW (kDa)	27.61
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-KCNIP4 antibody (H00080333-B01) by Western Blots. SDS-PAGE Gel KCNIP4 transfected lysate. Western Blot Lane 1: KCNIP4 transfected lysate (27.61 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 — KCNIP4

Entrez GeneID	80333
GeneBank Accession#	NM_025221.5
Protein Accession#	-
Gene Name	KCNIP4
Gene Alias	CALP, KCHIP4, MGC44947
Gene Description	Kv channel interacting protein 4
Omim ID	608182
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. This protein member also interacts with presenilin. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000158705|a-type potassium channel modulatory protein 4|calsenilin-like protein|potassium channel interacting protein 4|potassium channel-interacting protein 4

Disease

- Brain Ischemia
- Celiac Disease
- Drug-Induced Liver Injury
- Genetic Predisposition to Disease
- Stroke
- Tobacco Use Disorder