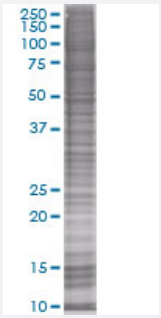
KCNIP1 293T Cell Transient Overexpression Lysate(Denatured)

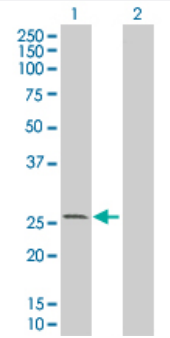
Catalog # H00030820-T01 Size 100 uL

Applications



SDS-PAGE Gel

KCNIP1 transfected lysate



Western Blot

Lane 1: KCNIP1 transfected lysate (23.87 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KCNIP1 full-length
Host	Human
Theoretical MW (kDa)	23.87
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-KCNIP1 antibody (H00030820-B01) by Western Blots. SDS-PAGE Gel KCNIP1 transfected lysate Western Blot Lane 1: KCNIP1 transfected lysate (23.87 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 — KCNIP1

Entrez GeneID	30820
GeneBank Accession#	BC050375
Protein Accession#	AAH50375
Gene Name	KCNIP1
Gene Alias	KCHIP1, MGC95, VABP
Gene Description	Kv channel interacting protein 1
Omim ID	604660
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. Alternative splicing results in multiple transcript variant encoding different isoforms. [provided by RefSeq
Other Designations	A-type potassium channel modulatory protein 1|potassium channel interacting protein 1|vesicle APC-binding protein

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema