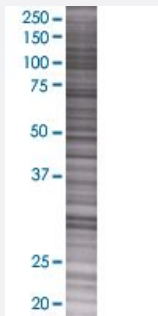


# CACNG6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00059285-T01

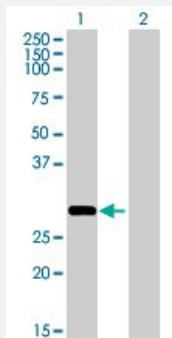
Size 100 uL

## Applications



### SDS-PAGE Gel

CACNG6 transfected lysate.



### Western Blot

Lane 1: CACNG6 transfected lysate ( 28.1 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-CACNG6 full-length
Host	Human
Theoretical MW (kDa)	28.1
Interspecies Antigen Sequence	Mouse (86); Rat (87)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-CACNG6 antibody ([H00059285-B01](#)) by Western Blots.  
SDS-PAGE Gel  
CACNG6 transfected lysate.  
Western Blot  
Lane 1: CACNG6 transfected lysate ( 28.1 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 — CACNG6

**Entrez GeneID**[59285](#)**GeneBank Accession#**[NM\\_145814](#)**Protein Accession#**[NP\\_665813](#)**Gene Name**

CACNG6

**Gene Alias**

-

**Gene Description**

calcium channel, voltage-dependent, gamma subunit 6

**Omim ID**[606898](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

L-type calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of several gamma subunit proteins. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. This gene is a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two similar gamma subunit-encoding genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

neuronal voltage-gated calcium channel gamma-6 subunit|voltage-dependent calcium channel gamma-6 subunit

## Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)

## Disease

- [Asthma](#)