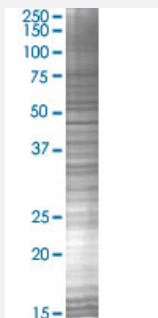


# KCNMB4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027345-T02

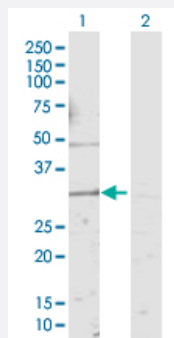
Size 100 uL

## Applications



### SDS-PAGE Gel

KCNMB4 transfected lysate.



### Western Blot

Lane 1: KCNMB4 transfected lysate ( 23.9 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-KCNMB4 full-length

**Host** Human

**Theoretical MW (kDa)** 23.9

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-KCNMB4 antibody ([H00027345-D01P](#)) by Western Blots.  
 SDS-PAGE Gel  
 KCNMB4 transfected lysate.  
 Western Blot  
 Lane 1: KCNMB4 transfected lysate ( 23.9 KDa)  
 Lane 2: Non-transfected lysate.

<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — KCNMB4

<b>Entrez GeneID</b>	<a href="#">27345</a>
<b>GeneBank Accession#</b>	<a href="#">NM_014505</a>
<b>Protein Accession#</b>	<a href="#">NP_055320.4</a>
<b>Gene Name</b>	KCNMB4
<b>Gene Alias</b>	-
<b>Gene Description</b>	potassium large conductance calcium-activated channel, subfamily M, beta member 4
<b>Omim ID</b>	<a href="#">605223</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	MaxiK channels are large conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit and the modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which slows activation kinetics, leads to steeper calcium sensitivity, and shifts the voltage range of current activation to more negative potentials than does the beta 1 subunit. [provided by RefSeq]
<b>Other Designations</b>	calcium-activated potassium channel beta 4 subunit large conductance calcium-dependent potassium ion channel beta 4 subunit

## Pathway

- [Vascular smooth muscle contraction](#)

## Disease

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Seizures](#)
- [Syndrome](#)