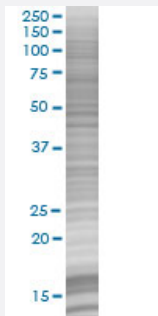


KCNMB4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027345-T01

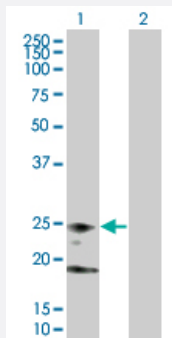
Size 100 uL

Applications



SDS-PAGE Gel

KCNMB4 transfected lysate.



Western Blot

Lane 1: KCNMB4 transfected lysate (23.21 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-KCNMB4 full-length

Host Human

Theoretical MW (kDa) 23.21

Quality Control Testing Transient overexpression cell lysate was tested with Anti-KCNMB4 antibody ([H00027345-B01](#)) by Western Blots.
SDS-PAGE Gel
KCNMB4 transfected lysate.
Western Blot
Lane 1: KCNMB4 transfected lysate (23.21 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 — KCNMB4

Entrez GeneID	27345
GeneBank Accession#	NM_014505
Protein Accession#	NP_055320
Gene Name	KCNMB4
Gene Alias	-
Gene Description	potassium large conductance calcium-activated channel, subfamily M, beta member 4
Omim ID	605223
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	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](#)