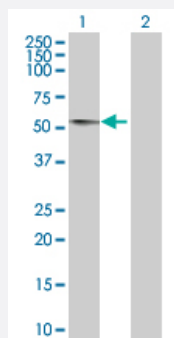


KCNMB2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010242-T01

Size 100 uL

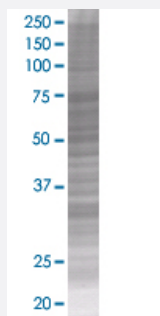
Applications



Western Blot

Lane 1: KCNMB2 transfected lysate (27.1 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

KCNMB2 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-KCNMB2 full-length

Host Human

Theoretical MW (kDa) 25.96

Quality Control Testing Transient overexpression cell lysate was tested with Anti-KCNMB2 antibody ([H00010242-B01](#)) by Western Blots.
Western Blot
Lane 1: KCNMB2 transfected lysate (27.1 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
KCNMB2 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 — KCNMB2

Entrez GeneID[10242](#)**GeneBank Accession#**[NM_005832](#)**Protein Accession#**[NP_005823](#)**Gene Name**

KCNMB2

Gene Alias

MGC22431

Gene Description

potassium large conductance calcium-activated channel, subfamily M, beta member 2

Omim ID[605214](#)**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 decreases the activation time of MaxiK alpha subunit currents. Two variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

MaxiK channel beta 2 subunit|calcium-activated potassium channel beta 2 subunit|large conductance calcium-activated potassium channel beta 2 subunit|large-conductance Ca²⁺-activated K⁺ channel beta2 subunit

Pathway

- [Vascular smooth muscle contraction](#)