

Recombinant Human KCNMB1, GST-tagged

Cat. No. KCNMB1-272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNMB1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-130aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	KCNMB1 potassium large conductance calcium-activated channel, subfamily M, beta member 1 [Homo sapiens]
Official Symbol	KCNMB1
Synonyms	KCNMB1; potassium large conductance calcium-activated channel, subfamily M, beta member 1; calcium-activated potassium channel subunit beta-1; BK channel beta subunit; hslo beta; BKbeta; hbeta1; BKbeta1; slo-beta-1; k(VCA)beta-1; BK channel

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subunit beta-1; Maxi K channel beta subunit; maxi K channel subunit beta-1; charybdotoxin receptor subunit beta-1; calcium-activated potassium channel subunit beta; large conductance Ca²⁺-activated K⁺ channel beta 1 subunit; calcium-activated potassium channel, subfamily M subunit beta-1; SLO-BETA; hslo-beta; K(VCA)beta;

Gene ID [3779](#)

mRNA Refseq [NM_004137](#)

Protein Refseq [NP_004128](#)

MIM [603951](#)

UniProt ID [Q16558](#)

Chromosome Location 5q34

Pathway Ca²⁺ activated K⁺ channels, organism-specific biosystem; Hemostasis, organism-specific biosystem; Neuronal System, organism-specific biosystem; Nitric oxide stimulates guanylate cyclase, organism-specific biosystem; Platelet homeostasis, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Vascular smooth muscle contraction, organism-specific biosystem;

Function calcium-activated potassium channel activity; ion channel activity; potassium channel activity; potassium channel regulator activity;

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