

Recombinant Human KCNMB4, GST-tagged

Cat. No. KCNMB4-274H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNMB4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	46-176aa
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	KCNMB4 potassium large conductance calcium-activated channel, subfamily M, beta member 4 [Homo sapiens]
Official Symbol	KCNMB4
Synonyms	KCNMB4; potassium large conductance calcium-activated channel, subfamily M, beta member 4; calcium-activated potassium channel subunit beta-4; hbeta4; BKbeta4; slo-beta-4; k(VCA)beta-4; BK channel subunit beta-4; maxi K channel subunit beta-4;

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charybdotoxin receptor subunit beta-4; calcium-activated potassium channel, subfamily M subunit beta-4; large conductance calcium-dependent potassium ion channel beta 4 subunit;

Gene ID [27345](#)

mRNA Refseq [NM_014505](#)

Protein Refseq [NP_055320](#)

MIM [605223](#)

UniProt ID [Q86W47](#)

Chromosome Location 12q15

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; protein binding;

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