

## KCNMB3 Human Recombinant

<b>Item Number</b>	rAP-4214
<b>Synonyms</b>	Potassium Channel Subfamily M Regulatory Beta Subunit 3, Potassium Large Conductance Calcium-Activated Channel, Subfamily M Beta Member 3, Calcium-Activated Potassium Channel, Subfamily M Subunit Beta-3, Charybdotoxin Receptor Subunit
<b>Description</b>	KCNMB3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 149 amino acids (82-207 a.a) and having a molecular mass of 16.8kDa.
<b>Uniprot Accession Number</b>	Q9NPA1
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSKPFMLSI QREESTCTAI HTDIMDDWLD CAFTCGVHCH GQGYPCCLQV FVNLSHPGQK ALLHYNEEAV QINPKCFYTP KCHQDRNDLL NSALDIKEFF DHKNGTPFSC FYSPASQSED VILIKKYDQ.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	KCNMB3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**