

Recombinant Rat Kcnj10 Full Length Transmembrane protein, His-tagged

Cat. No. Kcnj10-538R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Kcnj10 protein(P49655)(1-379aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Rat
Source	E.coli
ProteinLength	1-379aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.5 kDa
AA Sequence	MTSVAKVYYSQTTQTESRPLVAPGIRRRRVLTkdGRSNVRMEHIADKRFLYLKDLW TTFIDMQWRYKLLLFsATfAGTWFLFGVvWYLVAVAHGDLLELgPPANHTPCVVQV HTLTGAFLFSLESQTTIGYGFryISEECPLAIVLLIAQLVLTtILEIFITGTFLAKIARPKKR AETIRFSQHAVVAYHNGKLCLMIRVANMRKSLlIGCQVTGKLLQTHQTKEGENIRLN QVNVTFQVDTASDSPFLILPLTFYHVVDetsPLKDLPLRSgEGDFELVLILSGTVESTS ATCQVRTSYLPeeILWGYEFTPAISLSASgKYVADfSLFDQVVKVASPGGLRDSTVR YGDPEKLKLEESLREQAEKEGSALSVRISNV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

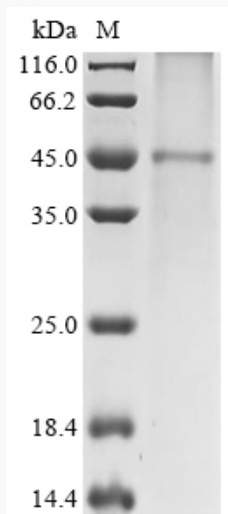
GENE INFORMATION

Gene Name	Kcnj10 potassium inwardly-rectifying channel, subfamily J, member 10 [Rattus norvegicus]
Official Symbol	Kcnj10
Synonyms	KCNJ10; potassium inwardly-rectifying channel, subfamily J, member 10; ATP-sensitive inward rectifier potassium channel 10; BIR10; BIRK1; kir4.1; inward rectifier K(+) channel Kir4.1; brain-specific inwardly rectifying K(+) channel 1; ATP-sensitive inward rectifier potassium channel KAB-2; potassium channel, inwardly rectifying subfamily J member 10;
Gene ID	29718
mRNA Refseq	NM_031602
Protein Refseq	NP_113790

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SDS-PAGE

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