

Recombinant Human KCNJ6, GST-tagged

Cat. No. KCNJ6-259H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-73aa
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	KCNJ6 potassium inwardly-rectifying channel, subfamily J, member 6 [Homo sapiens]
Official Symbol	KCNJ6
Synonyms	KCNJ6; potassium inwardly-rectifying channel, subfamily J, member 6; KCNJ7; G protein-activated inward rectifier potassium channel 2; BIR1; GIRK2; hiGIRK2; KATP2; Kir3.2; inward rectifier K(+) channel Kir3.2; inward rectifier potassium channel

 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

	KIR3.2; potassium channel, inwardly rectifying subfamily J member 6; GIRK-2; KATP-2; KIR3.2; MGC126596;
Gene ID	3763
mRNA Refseq	NM_002240
Protein Refseq	NP_002231
MIM	600877
UniProt ID	P48051
Chromosome Location	21q22.1
Pathway	Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Cholinergic synapse, organism-specific biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; G protein gated Potassium channels, organism-specific biosystem; GABA B receptor activation, organism-specific biosystem;
Function	G-protein activated inward rectifier potassium channel activity; G-protein alpha-subunit binding; inward rectifier potassium channel activity; protein binding; voltage-gated ion channel activity;

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