

Recombinant Human KCNJ8, GST-tagged

Cat. No. KCNJ8-260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ8 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	181-424aa
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	KCNJ8 potassium inwardly-rectifying channel, subfamily J, member 8 [Homo sapiens]
Official Symbol	KCNJ8
Synonyms	KCNJ8; potassium inwardly-rectifying channel, subfamily J, member 8; ATP-sensitive inward rectifier potassium channel 8; Kir6.1; inward rectifier K(+) channel Kir6.1; inwardly rectifying potassium channel KIR6.1; potassium channel, inwardly rectifying

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	subfamily J member 8; KIR6.1; uKATP-1;
Gene ID	3764
mRNA Refseq	NM_004982
Protein Refseq	NP_004973
MIM	600935
UniProt ID	Q15842
Chromosome Location	12p12.1
Pathway	ATP sensitive Potassium channels, organism-specific biosystem; Inwardly rectifying K ⁺ channels, organism-specific biosystem; Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem;
Function	ATP binding; ATP-activated inward rectifier potassium channel activity; inward rectifier potassium channel activity; voltage-gated ion channel activity;