

Recombinant Human KCNJ14, GST-tagged

Cat. No. KCNJ14-254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KCNJ14 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	182-436aa
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	KCNJ14?potassium inwardly-rectifying channel, subfamily J, member 14 [?Homo sapiens?(human)]
Official Symbol	KCNJ14
Synonyms	KCNJ14; IRK4; KIR2.4; potassium inwardly-rectifying channel, subfamily J, member 14; ATP-sensitive inward rectifier potassium channel 14; IRK-4; inward rectifier K(+) channel Kir2.4; inwardly rectifying potassium channel KIR2.4; potassium channel,

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inwardly rectifying subfamily J member 14

Gene ID

3770

mRNA Refseq

NM_013348

Protein Refseq

NP_037480

MIM

603953

UniProt ID

Q9UNX9

**Chromosome
Location**

19q13

Pathway

Cholinergic synapse; Classical Kir channels; Inwardly rectifying K+ channels

Function

inward rectifier potassium channel activity

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