

## Recombinant Human KCNK4 protein, GST-tagged

Cat. No. KCNK4-301374H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KCNK4 (261-393 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser261-Val393
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization
<b>AA Sequence</b>	SRRTRAEMGGLTAQAASWTGTARVTQRAGPAAPPPEKEQPLLPPPPCPAQPLG RPRSPSPPEKAQPPSPPTASALDYPSENLAFIGDESSDTQSERGCPLPRAPRGRRRP NPPRKPVRRGPRPRDKGVPV
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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## GENE INFORMATION

<b>Gene Name</b>	KCNK4 potassium channel, subfamily K, member 4 [ Homo sapiens ]
<b>Official Symbol</b>	KCNK4
<b>Synonyms</b>	KCNK4; potassium channel, subfamily K, member 4; potassium channel subfamily K member 4; K2p4.1; TRAAK; K2P4.1 potassium channel; two pore K+ channel KT4.1; two pore K(+) channel KT4.1; two pore potassium channel KT4.1; TWIK-related arachidonic acid-stimulated potassium channel protein; TRAAK1;
<b>Gene ID</b>	50801
<b>mRNA Refseq</b>	NM_033310
<b>Protein Refseq</b>	NP_201567
<b>MIM</b>	605720
<b>UniProt ID</b>	Q9NYG8

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