

Recombinant Human KCNK4 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human KCNK4 (261-393 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser261-Val393
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization
AA Sequence	SRRTAEMGGLTAQAASWTGTVTARVTQRAGPAAPPPEKEQPLLPPPPCPAQPLG RPRSPSPPEKAQPPSPPTASALDYPSENLAFIGESSDTQSERGCPLPRAPRGRRRP NPPRKPVPRGPRPRDKGVPV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	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

Gene Name	KCNK4 potassium channel, subfamily K, member 4 [Homo sapiens]
Official Symbol	KCNK4
Synonyms	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;
Gene ID	50801
mRNA Refseq	NM_033310
Protein Refseq	NP_201567
MIM	605720
UniProt ID	Q9NYG8

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