HUMAN KCNK9 FULL LENGTH PROTEIN

Cat.#: 11044

Product Name: Human KCNK9 Full Length Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: BIBARS; K2p9.1; KT3.2; TASK-3; TASK3; TASK32

Target: KCNK9

UNIPROT ID: Q9NPC2

Description: Human KCNK9 full length protein-synthetic nanodisc

Background: This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH-dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel dysmorphism syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017]

Species/Host: HEK293

Molecular Weight: The human full length KCNK9 protein has a MW of 42.3 kDa

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.