

PRODUCT INFORMATION

KCNK9 **Target**

Synonyms K2p9.1;KT3.2;TASK-3;TASK3

Recombinant Human KCNK9 with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q9NPC2 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Molecular Weight

Storage & Shipping

Purity

KCNK9(Glu30-Lys79) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

32.2 kDa after removal of the signal peptide. The apparent molecular mass of KCNK9-hFc is approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

This gene encodes a protein that contains multiple transmembrane regions and two poreforming 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 **Background** 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]

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Research use only Usage

Conjugate Unconjugated

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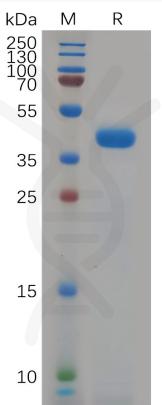


Figure 1. Human KCNK9 Protein, hFc Tag on SDS-PAGE under reducing condition.



