PRODUCT INFORMATION

Target	KCNK9
Synonyms	K2p9.1;KT3.2;TASK-3;TASK3
Description	Recombinant Human KCNK9 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9NPC2
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	KCNK9(Glu30-Lys79) hFc(Glu99-Ala330)
Molecular Weight	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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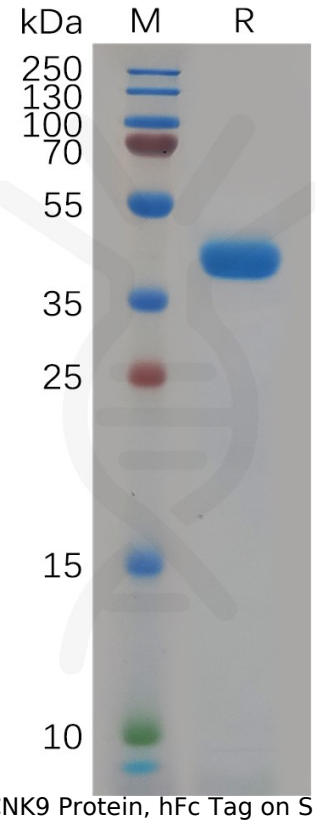


Figure 1. Human KCNK9 Protein, hFc Tag on SDS-PAGE under reducing condition.

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