

# Recombinant Full Length Human Potassium Channel Subfamily K Member 10(Kcnk10) Protein, His-Tagged

**Cat. No.** RFL26893HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Human Potassium channel subfamily K member 10(KCNK10) Protein (P57789) (1-538aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              Full Length (1-538)

**Form**                            Lyophilized powder

**AA Sequence**

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MFFLYTDFFLSLVAVPAAAPVCQPKSATNGQPPAPAPTPTPRLSISSRATVVARMEG
TSQ GGLQTVMKWKTVVAIFVVVVVYLVGTGGLVFRALQPFESSQKNTIALEKAEFLR
DHVCVS PQELETLIQHALDADNAGVSPIGNSSNNSHWDLGSAFFAFAGTVITTIGYG
NIAPSTEGG KIFCILYAIFGIPLFGFLLAGIGDQLGTIFGKSIARVEKVFRKKQVSQTKIR
VISTILFI LAGCIVFVTIPAVIFKYIEGWTALESIFVVVTLTTVGFGDFVAGGNAGINR
EWYKPLV WFWILVGLAYFAAVLSMIGDWLRVLSKKTKEEVEIKAHAAEWKANVTA
EFRETRRRLSV EIHDKLQRAATIRSMERRRLGLDQRAHSLDMLSPEKRSVFAALDT
GRFKASSQESINRP NNLRLKGPEQLNKHGQGASEDNIINKFGSTSRLTKRKNKDL
KKTLPEDVQKIYKTFRNYS LDEEKKEEETEKMCNSDNSSTAMLTDCIQQHAELENG
MIPTDTKDREPENNSLLEDRN
    
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**Purity**                        Greater than 90% as determined by SDS-PAGE.

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<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	KCNK10
<b>Synonyms</b>	KCNK10; TREK2; Potassium channel subfamily K member 10; Outward rectifying potassium channel protein TREK-2; TREK-2 K(+ channel subunit
<b>UniProt ID</b>	<a href="#">P57789</a>

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