Recombinant Full Length Twik Family Of Potassium Channels Protein 12(Twk-12) Protein, His-Tagged

Cat. No. RFL30428CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length TWiK family of potassium channels protein 12(twk-12) Protein (Q19907) (1-713aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Caenorhabditis elegans
Source	E.coli
ProteinLength	Full Length (1-713)
Form	Lyophilized powder
AA Sequence	MTLFKKIQWFCNLIRLRSYYKFLLLIAYTAFGAWLFRTYELQADIKRRSVFGNTTNLVR R QLAERWIEMHKDAVLRNDSALRFRRAAEAVEWLLDELNLSDHIRDLSEETPWTWT GAMFY AGQLYTTIGYGYPTTKTDEGRICTIFYALFGIPCFLMYLKIENAIEWKKDKQL GKRALKM HGLINDSFQSIGKTLSKKMKKYYKKLRRSRVGRILLPTRVTAMKDGFEDP EAAEERKKKP FPIPIAIIMLIIWICFSASMFCIWEDTWVFSSAVYFFIVSISTVGLGDML FRTPDMMVFN FLLILVGLALLSMCFELITDRVAKWKQKRFDEHIKKVQKMAFQVFEK DPFIEEAPPLGIR MAPNLMQIAATHVSEEKRGFFAEFKDWFAGKVTDNVIQSKLEDS DDESDSEEALEEFDSP QIATVTANDLIVCSNGAATRRVSKQSYALSDISNLSNSKILP GNNYGQLLDRIKAMEKFK PKKNDLDSRMFAKFLENKKLAKILEQTELRELATVSCQT DLSGLVVQRRNPKGRHARIGS CSSQSTMSTLLPNKMHAPDEDSVMSFTFGDLKFD YKTEPFIDEYYIRESNHSIFDFDEDE TVRIPQKMLISRPGMPPPPPSRPLNLASPLRTL LEKEQKYDEDPEIQLTPRRLNSLSDIQ ARKVKLGVDENLQHARLVCGLLPQDFDSPS

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	TSTSTSMIDSGYELSKRDASTMA
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	twk-12
Synonyms	twk-12; F29F11.4; TWiK family of potassium channels protein 12
UniProt ID	Q19907

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