

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Two Pore Potassium Channel C(Tpkc) Protein, His-Tagged

Cat. No. RFL17843OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Two pore potassium channel c(TPKC) Protein (Q69TN4) (1-456aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
ProteinLength	Full Length (1-456)
Form	Lyophilized powder
AA Sequence	MDTEPLLSPLSPSPHLLHPLPEHAEVSTFSPPLSPCPSPASSYKERIIFGAHPPPPPP PP PPPPPPPRGRYYRRVSGDDLDPSCSSSPSPPSDEENPPPNPPSLDFIGGR TNLHRSR TAPAMAPLNAAAIAAAAASGDSRNPPPPPPRRPAIVLHAFLLAYLAMGV TFYAALPGNF TSSAGPTHPVADALYFCIVTLCTIGYGDITPATPAAKLFSISFVLIGFGF VDILLSGMVS YVLDLQEHLLITALKNPRSVRKHRHNYIFDLKKGRMRVRMKVALALT VVAICVGVGAAVL KRVENLGWLDAYLAVMSVTTVGYGDHAFRTLGRFLFASAWLL VSTLAVARAFLYLAEMR IDKRHRAMANWVLSRDMTVSEFLAADIDNNGYVTKSEFV VYKLKEMGKISEKDIMMICDQ FQRMDSGNCGKITLSDLLESHQLVTDLNEKKKGKKS
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	TPKC
Synonyms	TPKC; KCO3; Os09g0299400; LOC_Os09g12790; OsJ_28764; OSJNBa0062A09.6; Two pore potassium channel c; Two K(+ channel c; Calcium-activated outward-rectifying potassium channel 3; OsKCO3
UniProt ID	Q69TN4