

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Potassium Channel Kat4(Os06G0254200, Loc_Os06G14310) Protein, His-Tagged

Cat. No. RFL32985OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Potassium channel KAT4(Os06g0254200, LOC_Os06g14310) Protein (Q652U9) (1-591aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
ProteinLength	Full Length (1-591)
Form	Lyophilized powder
AA Sequence	MAARSELLRPAFGEASPSLGRFVINPHSCSYRWWHMFLIMLVLYSAWASPFELSME KAAS IALVVTDLVVDVFFAIDIALSFFVAYRDTSTGLLITDRRKITMRYLKRPCFALDVA STIP LQIYQLVTGKRQGLWGLLNLLRLWRLRRVSKLFARVEKDIRFNWTRLIKLLC VTLFA LHFAACIYLWMAFNKIKELTWIGSQIHSFEDRSVWFCYTCVYWSITTLATV GYGDLHA TNIGEMLFSAFMLFNMGLTSYIIGNITNLVVRETSNTFKMRDMVQRVSEF GRMNRLPEA MREQMLASVQLRFRTDEQLQQEMLSELPKAVRSGVMKMHMFKSAIES CYLFQGVSDSLIVQ LVAEMKAEFFPPKANVILENETSTDCYIIISGEVEALTTLADGTE KHVKRIGPRGMAGEI GVMFSIPQPFTIRSRRLTQVVRISHIHLLQAVRPNTADGYIVF SNFIQYLESKLVQTKDV AFVSDHLWNGNSMVLRRATEVAVDESKEAAHKMLPCKEP KRVVIHEQLPNATSTALHPSP GKLVLPPDSMQELMKLSEKKFGKAVRGILTVEGAEV

 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

	EDIEVIRGDGHELLFS
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Os06g0254200
Synonyms	Os06g0254200; LOC_Os06g14310; P0046H10.36; P0592E11.6; Potassium channel KAT4
UniProt ID	Q652U9

 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