Recombinant Full Length Oryza Sativa Subsp. Japonica Potassium Channel Kat6 (Os01G0718700, Loc_Os01G52070) Protein, His-Tagged

Cat. No. RFL30057OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Potassium channel KAT6 (Os01g0718700, LOC_Os01g52070) Protein (A2ZX97) (1-593aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-593)
Form	Lyophilized powder
AA Sequence	MAASRSELLRPAFGEPSPSLGPFVVNPHTCSYRWWQKFLIVLVLYTAWASPFELAM EKSA SAALAVTELVVDAFFAVDIAVSFFVAYRDASTGLLVTDRKKIATRHLARPCLAL DVASTI PLQMIYRIVSGKRQALYGLLNLLRLWRLRRVSKLFARLEKDIRFSYLWTRLIK LLYVTLF AVHFASCIYLWMAFHHKAKELTWIGSQFHGFEDRSVWFCYTCAVYWSIT TLATVGYGDLH AANTGEMLFSIAFMLFNMGLTSYIIGNITNLVVHETTNTFKMRDMV QRTSVFGRTNRLPV AMREQMMESLQLRFRAEEQLQQEMLSELPKAVRSGIAQHMF RGAVQSCYLFQGVSDKLVL PLVAEMKAESFPPKADIILENEASTDCYIIVSGEVEVLT TLEDGTEKQVMRIGPRGMAGE IGVMFNIPQPFTIRSRKLTQLVRISHSHMVSTIRPNT ADGVVVFSNFVLYLESLKVKAKE TAFVRDHLRNGYSTVLGSATMFDVDESKESAHK MLPCKEPKRVSIHEHLLNGTGTALNGS SGKLVILPDSMQDLMKLSEKKFGKAARGIL

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	TVGGAEVEDIEVIRDGDHLFFSW
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	Os01g0718700
Synonyms	Os01g0718700; LOC_Os01g52070; OsJ_03266; Potassium channel KAT6
UniProt ID	A2ZX97

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