Recombinant Full Length Bovine Atp-Sensitive Inward Rectifier Potassium Channel 12(Kcnj12) Protein, His-Tagged

Cat. No. RFL33252BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine ATP-sensitive inward rectifier potassium channel 12(KCNJ12) Protein (Q4TZY1) (1-427aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-427)
Form	Lyophilized powder
AA Sequence	MTASGRTNPYSIVSSEEDGLHLVTMSGANGFGNGKVHTRRRCRNRFVKKNGQCNI EFANM DEKSQRYLADMFTTCVDIRWRYMLLIFSLAFLASWLLFGVIFWVIAVAHGDL EPAEAHGR TPCVLQVHGFMAAFLFSIETQTTIGYGLRCVTEECPVAVFMVVAQSIVG CIIDSFMIGAI MAKMARPKKRAQTLLFSHNAVVALRDGKLCLMWRVGNLRKSHIVEA HVRAQLIKPRVTEE GEYIPLDQIDIDVGFDKGLDRIFLVSPITILHEIDEASPLFGISRQD LETDDFEIVVILE GMVEATAMTTQARSSYLANEILWGHRFEPVLFEEKNQYKIDYSHF HKTYEVPSTPRCSAK DLVENKFLLPSTNSFCYENELAFLSRDEEDEVDGEQDSLGP QARRDFDRPQAGTALEQRP YRRESEI
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	KCNJ12
Synonyms	KCNJ12; ATP-sensitive inward rectifier potassium channel 12; Potassium channel, inwardly rectifying subfamily J member 12
UniProt ID	Q4TZY1

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