Recombinant Full Length Rat Voltage-Dependent Calcium Channel Gamma-5 Subunit(Cacng5) Protein, His-Tagged

Cat. No. RFL23343RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Voltage-dependent calcium channel gamma-5 subunit(Cacng5) Protein (Q8VHW8) (1-275aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-275)
Form	Lyophilized powder
AA Sequence	MSTCGRKALTLLSSVFAVCGLGLLGIAVSTDYWLYLEEGIILPQNQSTEVKMSLHSGL WR VCFLAGEERGRCFTIEYVMPMNSQMTSESTVNVLKMIRSATPFPLVSLFFMFIG FILSNI GHIRPHRTILAFVSGIFFILSGLSLVVGLVLYISSINDEMLNRTKDAETYFNYKY GWSFA FAAISFLLTESAGVMSVYLFMKRYTAEDMYRPHPGFYRPRLSNCSDYSGQ FLHPDAWIRG RSPSDISSDASLQMNSNYPALLKCPDYDQMSSSPC		**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

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	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	Cacng5
Synonyms	Cacng5; Voltage-dependent calcium channel gamma-5 subunit; Neuronal voltage-gated calcium channel gamma-5 subunit; Transmembrane AMPAR regulatory protein gamma-5; TARP gamma-5
UniProt ID	Q8VHW8

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