

# Recombinant Full Length Human Voltage-Dependent Calcium Channel Gamma-8 Subunit(Cacng8) Protein, His-Tagged

Cat. No. RFL3963HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human Voltage-dependent calcium channel gamma-8 subunit(CACNG8) Protein (Q8WXS5) (1-425aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-425)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MESLKRWNEERGLWCEKGVQVLLTTVGAAFAFGLMTIAISTDYWLYTRALICNTTNL TAG GDDGTPHRGGGGASEKKDPGGLTHSGLWRICCLEGLKRGVCVKINHFPEDTD YDHDSA EY LLRVVRASSIFPILSAILLLLGGVCVAASRVYKSKRNILGAGILFVAAGLS NIIGVIVY ISANAGEPGPKRDEEKKNHYSYGSFYFGGLSFILAEVIGVLAVNIYIERS REAHCQSRS DLLKAGGGAGGSGGSGPSAILRLPSYRFRYRRRSRSSSRSSSESPSPS RDASPGGPGGPGFA STDISMYTLSRDPSKGSVAAGLAGAGGGGGGAVGAFGGAA GGAGGGGGGGGAGAERDRG GASGFLTLHNAFPKEAGGGVTVTVTGPPAPPAP APPAPSAPAPGTLAKEAAASNTNTLNR KTTTPV
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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**

CACNG8

**Synonyms**

CACNG8; CACNG6; Voltage-dependent calcium channel gamma-8 subunit; Neuronal voltage-gated calcium channel gamma-8 subunit; Transmembrane AMPAR regulatory protein gamma-8; TARP gamma-8

**UniProt ID**

[Q8WXS5](#)

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