Recombinant Human CACNG5 Protein, MYC/DDK-tagged

Cat. No. CACNG5-2265H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CACNG5 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a type II transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members, a type I TARP and a calcium channel gamma subunit. This gene is a susceptibility locus for schizophrenia and bipolar disorder. [provided by RefSeq, Dec 2010]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	30.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CACNG5 calcium channel, voltage-dependent, gamma subunit 5 [Homo sapiens]
Official Symbol	CACNG5
Synonyms	MGC126656; MGC126682
Gene ID	27091
mRNA Refseq	NM_145811
Protein Refseq	NP_665810
MIM	606405
UniProt ID	Q9UF02

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