Recombinant Human CACNG7 Protein, GST-Tagged

Cat. No. CACNG7-0279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CACNG7 full-length ORF (NP_114102.2, 1 a.a. - 275 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Dec 2010]
Molecular Mass	57.4 kDa
AA Sequence	MSHCSSRALTLLSSVFGACGLLLVGIAVSTDYWLYMEEGTVLPQNQTTEVKMALHA GLWRVCFFAGREKGRCVASEYFLEPEINLVTENTENILKTVRTATPFPMVSLFLVFTA FVISNIGHIRPQRTILAFVSGIFFILSGLSLVVGLVLYISSINDEVMNRPSSSEQYFHYRY GWSFAFAASSFLLKEGAGVMSVYLFTKRYAEEEMYRPHPAFYRPRLSDCSDYSGQ FLQPEAWRRGRSPSDISSDVSIQMTQNYPPAIKYPDHLHISTSPC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

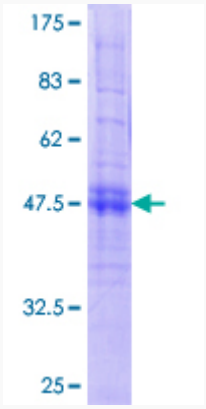
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CACNG7 calcium channel, voltage-dependent, gamma subunit 7 [Homo sapiens]
Official Symbol	CACNG7
Synonyms	CACNG7; calcium channel, voltage-dependent, gamma subunit 7; voltage-dependent calcium channel gamma-7 subunit; TARP gamma-7; transmembrane AMPAR regulatory protein gamma-7; neuronal voltage-gated calcium channel gamma-7 subunit;
Gene ID	59284
mRNA Refseq	NM_031896
Protein Refseq	NP_114102
MIM	606899
UniProt ID	P62955

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

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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