

Product datasheet for TP519914

Cacng5 (NM_080644) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calcium channel, voltage-dependent, gamma subunit 5 (Cacng5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219914 protein sequence Red=Cloning site Green=Tags(s)

MSACGRKALTLSSVFAVCGLGLLGIAVSTDYWLYLEEGIILPQNQSTEVKMSLSHGLWRVCFLAGEERG
RCFTIEYVMPMNSQMTSESTVNVLMIRSATPFPLVSLFFMFIGFILSNIGHIRPHRTILAFVSGIFFIL
SGLSLVWGLVLYISSINDEMLNRTKDAETYFNKYGWSFAFAAISFLLTESAGVMSVYLFMKRYTAEDMY
RPHPGFYRPLSNCSDYSGQFLHPDAWIRGRSPDISSDASLQMNSNYPALLKCPDYDQMSSSPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	30.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_542375
Locus ID:	140723
UniProt ID:	Q8VHW4 , Q544Q4
RefSeq Size:	3678



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Cytogenetics: 11 E1

RefSeq ORF: 828

Summary: Regulates the gating properties of AMPA-selective glutamate receptors (AMPA receptors). Modulates their gating properties by accelerating their rates of activation, deactivation and desensitization. Displays subunit-specific AMPA receptor regulation. Shows specificity for GRIA1, GRIA4 and the long isoform of GRIA2. Thought to stabilize the calcium channel in an inactivated (closed) state (By similarity).[UniProtKB/Swiss-Prot Function]