

Recombinant Mouse Cacna2d2 Protein, Myc/DDK-tagged

Cat. No. Cacna2d2-1929M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calcium channel, voltage-dependent, alpha 2/delta subunit 2 (Cacna2d2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in cerebellum adult (RPKM 24.9), whole brain E14.5 (RPKM 22.0) and 10 other tissues
Molecular Mass	131 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cacna2d2 calcium channel, voltage-dependent, alpha 2/delta subunit 2 [Mus musculus (house mouse)]
Official Symbol	Cacna2d2
Synonyms	CACNA2D2; calcium channel, voltage-dependent, alpha 2/delta subunit 2; voltage-dependent calcium channel subunit alpha-2/delta-2; ducky; protein ducky; alpha 2 delta calcium channel subunit; voltage-gated calcium channel subunit alpha-2/delta-2; du; td; a2d2; torpid; Cacna2d; mKIAA0558
Gene ID	56808
mRNA Refseq	NM_001174047
Protein Refseq	NP_001167518
UniProt ID	Q6PHS9

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