

Recombinant Human CACNA2D4 lysate

Cat. No. CACNA2D4-143HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	25483.16Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	CACNA2D4 calcium channel, voltage-dependent, alpha 2/delta subunit 4 [Homo sapiens]
Official Symbol	CACNA2D4
Synonyms	CACNA2D4; calcium channel, voltage-dependent, alpha 2/delta subunit 4; voltage-dependent calcium channel subunit alpha-2/delta-4; voltage-gated calcium channel alpha(2)delta-4 subunit; voltage-gated calcium channel subunit alpha-2/delta-4; RCD4;

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Gene ID	93589
mRNA Refseq	NM_172364
Protein Refseq	NP_758952
MIM	608171
UniProt ID	Q7Z3S7
Chromosome Location	12p13.33
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem;
Function	calcium channel activity; metal ion binding; voltage-gated ion channel activity;