

Recombinant Human CALHM1 293 Cell Lysate

Cat. No. CALHM1-7892HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for calcium homeostasis modulator 1 (CALHM1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CALHM1 calcium homeostasis modulator 1 [Homo sapiens]

Official Symbol

CALHM1

Synonyms

CALHM1; calcium homeostasis modulator 1; FAM26C, family with sequence similarity 26, member C; calcium homeostasis modulator protein 1; family with sequence similarity 26, member C; FAM26C; MGC39514; MGC39617;

Gene ID

255022

mRNA Refseq

NM_001001412

Protein Refseq

NP_001001412

MIM

612234

UniProt ID

Q8IU99

**Chromosome
Location**

10q24.33

Function

calcium channel activity; identical protein binding; ion channel activity;

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