

Recombinant Human ACCN3 293 Cell Lysate

Cat. No. ASIC3-9100HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for amiloride-sensitive cation channel 3 (ACCN3), transcript variant 1 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

ASIC3?acid-sensing (proton-gated) ion channel 3 [?Homo sapiens?(human)]

Official Symbol

ASIC3

Synonyms

ASIC3; acid-sensing (proton-gated) ion channel 3; ACCN3; TNaC1; DRASIC; SLNAC1; acid-sensing ion channel 3; testis sodium channel 1; modulatory subunit of ASIC2a; proton-gated cation channel subunit; amiloride-sensitive cation channel 3, testis; neuronal amiloride-sensitive cation channel 3

Gene ID

9311

mRNA Refseq

NM_004769

Protein Refseq

NP_004760

MIM

611741

UniProt ID

Q9UHC3

Chromosome Location

7q35

Pathway

Inflammatory mediator regulation of TRP channels, organism-specific biosystem; Ion channel transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem

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Function

PDZ domain binding; cation channel activity; enterobactin transporter activity

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