

Recombinant Human ASIC1 protein, MYC/DDK-tagged

Cat. No. ASIC1-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASIC1, transcript variant 2, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the acid-sensing ion channel (ASIC) family of proteins, which are part of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. Members of the ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of memory and fear. Alternatively spliced transcript variants have been described.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	59.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ASIC1 acid-sensing (proton-gated) ion channel 1 [Homo sapiens]
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Official Symbol	ASIC1
Synonyms	ASIC; ACCN2; BNaC2
Gene ID	41
mRNA Refseq	NM_001095
Protein Refseq	NP_001086
MIM	602866
UniProt ID	P78348
Chromosome Location	12q12
Function	ligand-gated sodium channel activity;protein binding;

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