

Recombinant Full Length Human ASIC1 Protein, GST-tagged

Cat. No. ASIC1-767HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACCN2 full-length ORF (NP_001086.2, 1 a.a. - 528 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	528 amino acids
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. [provided by RefSeq, Feb 2012]
Molecular Mass	61.2 kDa
AA Sequence	MGTEKESPEP DCQKQFQAAV SVIQNLPKNG SYRPSYEEML RFYSYYKQAT MGPCLVPRPG FWDPIGRYKW DAWNSLGKMS REEAMSAYIT EMKLVAQKVI DTVPLGEVAE DMFGYFEPLY QVIPDMRPP ETFLRRVTGW KEQVVNGDVG AVSEPPCLPK EPAPPSPESE SPRDLSEVF CDSLEQLEPE LVWTEQRAAS GGKRDPRNSP VPPTKKEGLR GSPPGPQELD VWLLGTVRAL QESMQEVQAR VQSLESMPRP PEQRPQPRPS ARPWPLGLPG PALLFFLLWP FVVQWLFRMF RTQKR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ASIC1 acid sensing ion channel subunit 1 [Homo sapiens (human)]
Official Symbol	ASIC1
Synonyms	ASIC1; acid sensing ion channel subunit 1; Acid Sensing Ion Channel Subunit 1; Amiloride-Sensitive Cation Channel 2, Neuronal; Acid Sensing (Proton Gated) Ion Channel 1; Brain Sodium Channel 2; ACCN2; BNaC2; Cation Channel, Amiloride-Sensitive, Neuronal, 2; Acid-Sensing (Proton-Gated) Ion Channel 1; Acid-Sensing Ion Channel 1a Protein; Acid-Sensing Ion Channel 1; ASIC; acid-sensing ion channel 1; Cation channel, amiloride-sensitive, neuronal, 2; acid sensing (proton gated) ion channel 1; acid-sensing ion channel 1a protein; amiloride-sensitive cation channel 2, neuronal; brain sodium channel 2
Gene ID	41
mRNA Refseq	NM_001095
Protein Refseq	NP_001086
MIM	602866

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UniProt ID

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