

Recombinant Full Length Human ACCN2 Protein

Cat. No. ACCN2-04HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ACCN2 with N terminal proprietary tag; Predicted MWt 84.15 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	528 amino acids
Description	This gene encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene is expressed in most if not all brain neurons, and it may be an ion channel subunit; however, its function as an ion channel remains unknown. Alternative splicing of this gene generates 2 transcript products.
Form	Liquid
Molecular Mass	84.150kDa inclusive of tags
AA Sequence	MELKAEIEEEV GGVQPVSIIQA FASSSTLHGL AHIFSYERLS LKRALWALCF LGSLAVLLCV CTERVQYYFH YHHVTKLDEV AASQLTFPAV TLCNLNEFRF SQVSKNDLYH AGELLALLNN RYEIPDTQMA DEKQLEILQD KANFRSFKPK

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PFNMREFYDR AGHDIRDMLL SCHFRGEVCS AEDFKVVFTR YGKCYTFNSG
 RDGRPRLKTM KGGTGNGLEI MLDIQQDEYL PVWGETDETS FEAGIKVQIH
 SQDEPPFIDQ LGFGVAPGFQ TFVACQEQL IYLPPPWGTC KAVTMDSDLD
 FFDSYSITAC RIDCETRYLV ENCNCRMVHM PGDAPYCTPE QYKECADPAL
 DFLVEKDQEY CVCEMPCNLT RYGKELSMVK IPSKASAKYL AKKFNKSEQY
 IGENILVLDI FFEVLNYETI EQKKAYEIAG LLGDIGGQMG LFIGASILTV
 LELFDYAYEV IKHKLCRRGK CQKEAKRSSA DKGVALSLDD VKRHNPCESL
 RGHPAGMTYA ANILPHHPAR GTFEDFTC

Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name	ACCN2 amiloride-sensitive cation channel 2, neuronal [Homo sapiens]
Official Symbol	ACCN2
Synonyms	ACCN2; Amiloride-sensitive cation channel 2, Neuronal; ASIC1; BNaC2; hBNaC2
Gene ID	41
mRNA Refseq	NM_001095
Protein Refseq	NP_001086
MIM	602866

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UniProt ID

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