

Recombinant Full Length Human ASIC5 Protein, GST-tagged

Cat. No. ASIC5-775HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACCN5 full-length ORF (AAI46498.1, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	505 amino acids
Description	This gene belongs to the amiloride-sensitive Na ⁺ channel and degenerin (NaC/DEG) family, members of which have been identified in many animal species ranging from the nematode to human. The amiloride-sensitive Na(+) channel encoded by this gene is primarily expressed in the small intestine, however, its exact function is not known. [provided by RefSeq, Jul 2008]
Molecular Mass	61.2 kDa
AA Sequence	MGTEKESPEP DCQKQFQAAV SVIQNLPKNG SYRPSYEEML RFYSYYKQAT MGPCLVPRPG FWDPIGRYKW DAWNSLGKMS REEAMSAYIT EMKLVAQKVI DTVPLGEVAE DMFGYFEPLY QVIPDMRPP ETFLRRVTGW KEQVVNGDVG AVSEPPCLPK EPAPPSPESH SPRDL DSEVF 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	ASIC5 acid sensing ion channel subunit family member 5 [Homo sapiens (human)]
Official Symbol	ASIC5
Synonyms	ASIC5; acid sensing ion channel subunit family member 5; Acid Sensing Ion Channel Subunit Family Member 5; Amiloride-Sensitive Cation Channel 5, Intestinal; Human Intestine Na(+) Channel; ACCN5; HINAC; Acid-Sensing (Proton-Gated) Ion Channel Family Member 5; Acid Sensing (Proton Gated) Ion Channel Family Member 5; Acid Sensing Ion Channel Family Member 5; Amiloride-Sensitive Cation Channel 5; Amiloride-Sensitive Sodium Channel; Acid-Sensing Ion Channel 5; INAC; acid-sensing ion channel 5; acid sensing (proton gated) ion channel family member 5; acid sensing ion channel family member 5; amiloride-sensitive cation channel 5, intestinal; amiloride-sensitive sodium channel; human intestine Na(+) channel
Gene ID	51802
mRNA Refseq	NM_017419
Protein Refseq	NP_059115

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MIM	616693
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UniProt ID	Q9NY37
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