

# 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<sup>+</sup> 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**

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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 FVVQWLF RMF
RTQKR
    
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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ASIC5 acid sensing ion channel subunit family member 5 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ASIC5
<b>Synonyms</b>	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
<b>Gene ID</b>	51802
<b>mRNA Refseq</b>	NM_017419
<b>Protein Refseq</b>	NP_059115

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<b>MIM</b>	616693
<b>UniProt ID</b>	Q9NY37

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