

Recombinant Human ASIC5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ASIC5-4812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ACCN5 MS Standard C13 and N15-labeled recombinant protein (NP_059115) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

57.3 kDa

AA Sequence

MEQTEKSKVYAENGLLEKIKLCPSKKPLPSPTERKKFDYDFAISTSFHGIHNIVQNRS
 KIRRVLWLVVVVLSVSLVTWQIYIRLLNYFTWPTTASIEVQYVEKMEFPTVTFCNLNR
 FQTDAAVAKFGVIFFLWHIVSKVLHLQEITANSTGSREATDFAASHQNFSIVEFIRNKG
 YLNNSTLLDCEFFGKPCSPKDFAHVFTEYGNCFTFNHGETLQAKRKVSVSGRGLSL
 LFNVNQEAFTDNPALGFVDAGIIFVIHSPKKVPQFDGLGLLSPVGMHARVTIRQVKTV
 HQEYPWGECPNLIKLNQNFSSYSTSGCLKECKAQHIKKQCGCVPFLLPGYGIECDLQ
 KYFSCVSPVLDHIEFKDLCTVGTNSSCPVSCEEIEYPATISYSSFPSQKALKYLSKKL
 NQSRKYIRENLVKIEINYSDLNYKITQQQKAVSVSELLADLGGQLGLFCGASLITIEIIE
 YLFTNFYWICIFFLLKISEMTQWTPPPQNHLGNKNRIEECTRTRPLEQKLISEEDLAN

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	DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
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; INAC; ACCN5; HINAC; 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
MIM	616693

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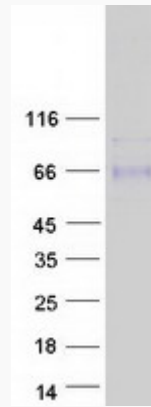
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UniProt ID

Q9NY37

SDS-PAGE



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