

## Product datasheet for **TP323871**

### ACCN5 (ASIC5) (NM\_017419) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amiloride-sensitive cation channel 5, intestinal (ACCN5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223871 representing NM_017419 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEQTEKSKVYAENGLLEKIKLCPSKKPLPSPTERKKFDYDFAISTSFHGIHNIVQNRSKIRRVLWLVVL  
GSVSLVTWQIYIRLLNYFTWPTTASIEVQYVEKMEFPTVTFCNLNRFTDAVAKFGVIFLWHIVSKVLH  
LQEITANSTGSREATDFAASHQNFSIVEFIRNKGFYLNSTLLDCEFFGKPCSPKDFAHVFTEYGNCFTF  
NHGETLQAKRKVSVSGRGLSLLFNVNQEAFTDNPALGFVDAGIIFVIHSPKKVPQFDGLGLLSPVGMHAR  
VTIRQVKTVHQEYPWGECNPNIKLQNFSSYSTSGCLKECKAQHIKKQCGCVPFLLPGYGIECDLQKYFSC  
VSPVLDHIEFKDLCTVGTHNSSCPVSCEEIEYPATISYSSFPSQKALKYLSKKNQSRKYIRENLVKIEI  
NYSDLNYKITQQKAVSVSELLADLGGQLGLFCGASLITIEIIEYLFTNFYWICIFLLKISEMTQWTP  
PPQNHGLGNKNRIECC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	57.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_059115](#)

Locus ID: 51802

UniProt ID: [Q9NY37](#)

RefSeq Size: 1692

Cytogenetics: 4q32.1

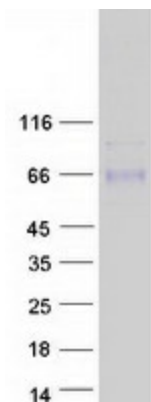
RefSeq ORF: 1515

Synonyms: ACCN5; HINAC; INAC

**Summary:** 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]

**Protein Families:** Druggable Genome, Ion Channels: Other, Transmembrane

### Product images:



Coomassie blue staining of purified ASIC5 protein (Cat# TP323871). The protein was produced from HEK293T cells transfected with ASIC5 cDNA clone (Cat# [RC223871]) using MegaTran 2.0 (Cat# [TT210002]).