

## Product datasheet for **TP323871M**

### 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), 100 µg |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC223871 representing NM_017419<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)            |

MEQTEKSKVYAENGLLEKIKLCPSSKPLPSPTERRKKFDYDFAISTSFHGIHNIVQNRSKIRRVLWLVWL  
GSVSLVTWQIYIRLLNYFTWPTTASIEVQYVEKMEFPTVTFCLNRFQTDAAKFGVIFLWHIVSKVLH  
LQEITANSTGSREATDFAASHQNFSIVEFIRNKGFLNNSTLLDCEFFGKPCSPKDFAHVFTEYGNCFTF  
NHGETLQAKRKVSVSGRGLSLLFNVNQEAFTDNPALGFVDAGIIFVIHSPKKVPQFDGLGLLSPVGMHAR  
VTIRQVKTVHQEYPWGECNPNIKLQNFSSYSTSGCLKECKAQHIKKQCGCVPFLLPGYGIECDLQKYFSC  
VSPVLDHIEFKDLCTVGTNSSCPVSCEEIEYPATISYSSFPKALKYLSKKNQSRKYIRENLVKIEI  
NYSDLNYKITQQQKAVSVSELLADLGGQLGLFCGASLITIEIEYLFNFYWICIFLLKISEMTQWTP  
PPQNHGLGNKNRIEEC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

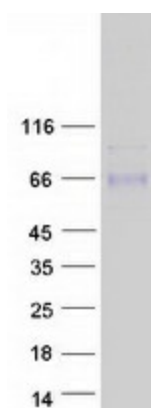
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 57.3 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 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.  |



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|                          |  |
|--------------------------|--|
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>RefSeq:</b>           | <a href="#">NP_059115</a>  |
| <b>Locus ID:</b>         | 51802  |
| <b>UniProt ID:</b>       | <a href="#">Q9NY37</a>   |
| <b>RefSeq Size:</b>      | 1692   |
| <b>Cytogenetics:</b>     | 4q32.1   |
| <b>RefSeq ORF:</b>       | 1515   |
| <b>Synonyms:</b>         | ACCN5; HINAC; INAC   |
| <b>Summary:</b>          | 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] |
| <b>Protein Families:</b> | 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]).