

Datasheet for ABIN7556205  
**ACCN5 Protein (AA 1-495) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ACCN5
Protein Characteristics:	AA 1-495
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACCN5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Asic5 Protein expressed in mammalian cells.
Sequence:	MEHTEKSQVH AEKGLLGKIK RYLSKRPLPS PTDRKKFDQD FAMSTSFHGI HNIAQNQNKV RKVIWLAVVL GSVSLLVWQI YSRLVNYFTW PTTTSIEVQY VEKIEFPAVT LCNLRNFQTE AVSRFGIIF LWDIVSKVLR LQEISANNTG SPETLDFVTN HQNFSITEFV KNNGFYLNND TLVHCEFFGK TCSPKDFKHV FTEYGNCFTE NYGENIQNKN KVSVSGRGLK LLLDVHQEEF TDNPVPGFAD AGVIFVIHSP KKEPQFDGLG LSSPVMHAR VTIRQLKTVH QEYPWGECNP NIKLRNFITY STYGCLKECK ARHIQRLCGC LPFLLPGNGV ECDLLEYNC VSPILDHIER KGLCTMGTHN SSCPVSCEET EYPATVSYST FPSQRATRFL AKKLNQSQEY IRENLVNIEI NYSDLNYKIT QQQKAVSVPE LLADVGGQLG LFCGASLITI IEIIEYFFTN FYWVLIFFLL KILETIQRTS PPQAV <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

ACCN5

### Alternative Name:

Asic5 ([ACCN5 Products](#))

### Background:

Acid-sensing ion channel 5 (ASIC5) (Amiloride-sensitive cation channel 5) (Brain-liver-intestine amiloride-sensitive Na<sup>(+)</sup> channel) (BLINaC),FUNCTION: Cation channel that gives rise to very low constitutive currents in the absence of activation. The activated channel exhibits selectivity for sodium and lithium, and is inhibited by amiloride (By similarity). {ECO:0000250}.

### Molecular Weight:

56.5 kDa

### UniProt:

[Q9R0Y1](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

### Restrictions:

For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months