

Product Information

MemDX™ Membrane Protein Human ASIC5 (Acid sensing ion channel subunit family member 5) for Antibody Discovery

Cat. No.: **MP0017X**

This product is for research use only and is not intended for diagnostic use.

This product is a 82.5 kDa Human ASIC5 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ASIC5

Protein Length

Full-length

Molecular Weight

82.5 kDa

TMD

2

Sequence

MEQTEKSKVYAENGLLEKIKLCLSKKPLPSPTERKKFDHFAISTSFHGIHNIVQNRSKIRRVLWLVVVLGSLVLTWQIYIRLLNYFTV

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

ASIC5

Full Name

Acid sensing ion channel subunit family member 5

Introduction

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

Alternative Names

HINAC; INAC; amiloride-sensitive sodium channel

Gene ID

[51802](#)

UniProt ID

[Q9NY37](#)