SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human ASIC5 (Acid sensing ion channel subunit family member 5) expressed in HEK293T for Antibody Discovery

Cat. No.: **MP1242J**
This product is for research use only and is not intended for diagnostic use.

This product is a 57.3 kDa Human ASIC5 membrane protein expressed in HEK293T. 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

Protein Class
Druggable Genome, Ion Channels: Other, Transmembrane

Molecular Weight
57.3 kDa

TMD
2

Sequence
MEQTEKSKVYAENGLLEKIKLCPSKKPLPSPTERKKFDYDFAISTSFHGIHNIVQNRSKIRRVLWLVVVL
GSVSLVTWQIYIRLLNYFTWPTTASIEVQYVEKMEFPTVTFCNLNRFQTDAVAKFGVIFFLWHIVSKVLH
LQEITANSTGSREATDFAASHQNFSIVEFIRNKGFYLNNSTLLDCEFFGKPCSPKDFAHVFTEYGNCFTF
NHGETLQAKRKVSVSGRGLSLLFNVNQEAFTDNPALGFVDAGIIFVIHSPKKVPQFDGLGLLSPVGMHAR
VTIRQVKTVHQEYPWGECNPNIKLQNFSSYSTSGCLKECKAQHIKKQCGCVPFLLPGYGIECDLQKYFSC
VSPVLDHIEFKDLCTVGTHNSSCPVSCEEIEYPATISYSSFPSQKALKYLSKKLNQSRKYIRENLVKIEI
NYSDLNYKITQQQKAVSVSELLADLGGQLGLFCGASLITIIEIIEYLFTNFYWICIFFLLKISEMTQWTP
PPQNHLGNKNRIEEC

Product Description

Expression Systems
HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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

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

Gene ID

51802

UniProt ID

Q9NY37

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com