

Product Information

MemDX™ Membrane Protein Human KCNAB3 (Potassium voltage-gated channel subfamily A regulatory beta subunit 3) for Antibody Discovery

Cat. No.: **MP0576X**

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

This product is a 70.1 kDa Human KCNAB3 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

KCNAB3

Protein Length

Full-length

Molecular Weight

70.1 kDa

Sequence

MQVSIACTEQNLRSSSEDRLCGPRPGPGGGNGGPAGGGHGNPPGGGGSGPKARAALVPRPPAPAGALRESTGRGTGMKYRN

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

KCNAB3

Full Name

Potassium voltage-gated channel subfamily A regulatory beta subunit 3

Introduction

This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. The encoded protein is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits. The encoded protein forms a heterodimer with the potassium voltage-gated channel, shaker-related subfamily, member 5 gene product and regulates the activity of the alpha subunit

Alternative Names

AKR6A9; KCNA3B; KCNA3.1B; KV-BETA-3

Gene ID

[9691](#)

UniProt ID

[O43448](#)