

Product Information

MemDX™ Membrane Protein Human ANO9 (Anoctamin 9) Full Length

Cat. No.: **MPC0388K**

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

This product is a 90.3 kDa Human ANO9 membrane protein expressed in HEK293. 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

ANO9

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

90.3 kDa

TMD

8

Sequence

MQGEESLRILVEPEGDSFPLMEISTCETEASEQWDYVLVAQRHTQRDPRQ
ARQQQFLEELRRKGFIKVIDQKQVFFGIRADNSVFGLYRTLLEPEGP
APHAELAAPTTPVTTSLRIRIVNFVVMNNKTSAGETFEDLMKDGVF
FPLHKGEGRLLKKTWARWRHMFREQPVDEIRNYFGEKVALYFVWLGWYTYM
LVPAALTGLLVFLSGFSLFEASQISKEICEAHDILMCPLGDHSRRYQRLS
ETCTFAKLTHLFDNDGTVVFAIFMALWATVFLEIWKRQRRARVVLHWDLYV
WDEEQEEMALQLINCPDYKLRPYQHSYLRSTVILVLTLLMICLMIGMAHV
LVVYRVLASALFSSSAVPFLEEQTAVVVTGALVHYVTIIIMTKINRCV
ALKLCDFEMPRTFSERESRFTIRFFTLQFFTHFSSLIYAFILGRINGHP
GKSTRLAGLWKLEECHASGCMMDLQVQMAIIMGLKQTLNCEVEYLPWVT
HKCRSLRASESGHLPRDPELRDWRNRYLLNPVNTFSLFDEFMEMMIQYGF
TTIFVAAFLLALFSLNLVEIRLDAIKMVWLQRRLLVPRKAKDIGTWLQ
VLETIGVLAVIANGMVIAFTSEFIPRVVYKYRYSPCLKEGNSTVDCLKGY
VNHSLSVFHTKDFQDPDGIENSVTLCRYRDYRNPPDYNFSEQFWFLA
IRLAFVILFEHVALCIKLIAAWFVPDIPQSVKNKVLEVYQRLREKMWHG
RQRLGGVGAGSRPPMPAHTPASIFSARSTDV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ANO9

Full Name

Anoctamin 9

Introduction

The protein encoded by this gene is a member of the TMEM16 (anoctamin) family of proteins, some of which form integral membrane calcium-activated chloride channels. The function of the encoded protein has yet to be elucidated, although it may have channel-forming abilities and also may have phospholipid scramblase activity. This gene has been observed to be upregulated in stage II and III colorectal cancers.

Alternative Names

PIG5; TP53I5; TMEM16J; anoctamin-9; p53-induced gene 5 protein; transmembrane protein 16J; tumor protein p53-inducible protein 5; ANO9; Anoctamin 9

Gene ID

[338440](#)

UniProt ID

[A1A5B4](#)