

Product Information

MemDX™ Membrane Protein Human ANO5 (Anoctamin 5) Full Length

Cat. No.: **MPC0384K**

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

This product is a 107.1 kDa Human ANO5 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

ANO5

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

107.1 kDa

TMD

8

Sequence

MGDPDLLEVLAAEEGEKVNKHIDYSFQMSEQSLSSRETSFLINEETMPAKR
FNLFLRRRLMFQKNQSKDSIFFRDGIRQIDFVLSYVDDVKKDAELKAER
RKEFETNLRKGTGLEIEIEDKRSEDGRTYFVKIHAPWEVLVTYAEVLGIK
MPIKESDIPRPKHTPISYVLGPVRLPLSVKYHPPEYFTAQFSRHRQELFL
IEDQATFFPSSSRNRIVYYILSRCPFGIEDGKKRFGIERLLNSNTYSSAY
PLHDGQYWKPSEPPNPTNERYTLHQNWARFSYFYKEQPLDLKNYYGEKI
GIYFVFLGFYTEMLFFAAVVGACFIYGLLSMEHNTSSTEICDPEIGGQM
IMCPLCDQVCDYWRLNSTCLASKFSHLFDNESTVFFAIFMGIWVTLFLEF
WKQRQARLEYEWDLVDFEEEEQQQLQLRPEFEAMCKHRKLNVA TKEMEPYM
PLYTRIPWYFLSGATVTLWMSLVVTSMAVIVYRLSVFATFASFMESDAS
LKQVKSFLTPQITTSLTGSCNLFIVILNFFYEKISAWITKMEIPRTYQ
EYESSLTLMFLFQFVNIFYSSCFYVAFFKGKFGVGPVKYTYLNFNEWRSEE
CDPGGCLIELTTQLTIIMTGKQIFGNIKEAIYPLALNWWRRRKARTNSEK
LYSRWEQDHDLESFGPLGLFYEYLETVTQFGFVTLFVASFPLAPLLALIN
NIVEIRVDAWKLTQYRRTVASKAHSIGVWQDILYGMVLSVATNAFIVA
FTSDIIPRLVYYYAYSTNATQPMGTGVNNSLSVFLIADFPNHTAPSEKRD
FITCRYRDYRPPDENKYFHNMQFWHVLAAKMTFIIVMEHVFLVKFLL
AWMIPDVPKDVVERIKREKLMTIKILHDFELNKLKENLGINSNEFAKHVM
IEENKAQLAKSTL

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

ANO5

Full Name

Anoctamin 5

Introduction

This gene encodes a member of the anoctamin family of transmembrane proteins. The encoded protein is likely a calcium activated chloride channel. Mutations in this gene have been associated with gnathodiaphyseal dysplasia. Alternatively spliced transcript variants have been described.

Alternative Names

GDD1; LGMD2L; LGMDR12; TMEM16E; anoctamin-5; gnathodiaphyseal dysplasia 1 protein; integral membrane protein GDD1; transmembrane protein 16E; ANO5; Anoctamin 5

Gene ID

[203859](#)

UniProt ID

[Q75V66](#)