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Product Information

MemDX™ Membrane Protein Human ANO6 (Anoctamin 6) Full Length

Cat. No.: **MPC0385K**
This product is for research use only and is not intended for diagnostic use.

This product is a 106.1 kDa Human ANO6 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
ANO6

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
106.1 kDa

TMD
10

Sequence
MKKMSRNVLLQMEEEEDDDDGDIVLENLGQTIVPDLGSLESQHDFRTPEF
EEFNGKPDSLFFNDGQRRIDFVLVYEDESRKETNKKGTNEKQRRKRQAYE
SNLICHGLQLEATRSVLDDKLVFVKVHAPWEVLCTYAEIMHIKLPLKPND
LKNRSSAFGTLNWFTKVLSVDESIIKPEQEFFTAPFEKNRMNDFYIVDRD
AFFNPATRSRIVYFILSRVKYQVINNVSKFGINRLVNSGIYKAAFPLHDC
KFRRQSEDPSCPNERYLLYREWAHPRSIYKKQPLDLIRKYYGEKIGIYFA
WLGYYTQMLLLAAVVGVACFLYGYLNQDNCTWSKEVCHPDIGGKIIMCPQ
CDRLCPFWKLNITCESSKKLCIFDSFGTLVFAVFMGVWVTLFLEFWKRRQ
AELEYEWDTVELQQEEQARPEYEARCTHVVINEITQEEERIPFTAWGKCI
RITLCASAVFFWILLIIASVIGIIVYRLSVFIVFSAKLPKNINGTDPIQK
YLTPQTATSITASIISFIIIMILNTIYEKVAIMITNFELPRTQTDYENSL
TMKMFLFQFVNYYSSCFYIAFFKGKFVGYPGDPVYWLGKYRNEECDPGGC
LLELTTQLTIIMGGKAIWNNIQEVLLPWIMNLIGRFHRVSGSEKITPRWE
QDYHLQPMGKLGLFYEYLEMIIQFGFVTLFVASFPLAPLLALVNNILEIR
VDAWKLTTQFRRLVPEKAQDIGAWQPIMQGIAILAVVTNAMIIAFTSDMI
PRLVYYWSFSVPPYGDHTSYTMEGYINNTLSIFKVADFKNKSKGNPYSDL
GNHTTCRYRDFRYPPGHPQEYKHNIYYWHVIAAKLAFIIVMEHVIYSVKF
FISYAIPDVSKRTKSKIQREKYLTQKLLHENHLKDMTKNMGVIAERMIEA
VDNNLRPKSE

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

ANO6

Full Name

Anoctamin 6

Introduction

This gene encodes a multi-pass transmembrane protein that belongs to the anoctamin family. This protein is an essential component for the calcium-dependent exposure of phosphatidylserine on the cell surface. The scrambling of phospholipid occurs in various biological systems, such as when blood platelets are activated, they expose phosphatidylserine to trigger the clotting system. Mutations in this gene are associated with Scott syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

SCTS; BDPLT7; TMEM16F; anoctamin-6; SCAN channel; small-conductance calcium-activated nonselective cation channel; transmembrane protein 16F; ANO6; Anoctamin 6

Gene ID

196527

UniProt ID

Q4KMQ2

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