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Product Information

MemDX™ Membrane Protein Human ADORA2B (Adenosine A2b receptor) Full Length

Cat. No.: **MPC0023K**
This product is for research use only and is not intended for diagnostic use.

This product is a 36.3 kDa Human ADORA2B membrane protein expressed in Baculovirus/Insect 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
ADORA2B

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
36.3 kDa

TMD
7

Sequence
MLLETQDALYVALELVIAALSVAGNVLVCAAVGTANTLQTPTNYFLVSLA
AADVAVGLFAIPFAITISLGFCTDFYGCLFLACFVLVLTQSSIFSLLAVA
VDRYLAICVPLRYKSLVTGTRARGVIAVLWVLAFGIGLTPFLGWNSKDSA
TNNCTEPWDGTTNESCCLVKCLFENVVPMSYMVYFNFFGCVLPPLLIMLV
IYIKIFLVACRQLQRTELMDHSRTTLQREIHAAKSLAMIVGIFALCWLPV
HAVNCVTLFQPAQGKNKPKWAMNMAILLSHANSVVNPIVYAYRNRDFRYT
FHKIISRYLLCQADVKSGNGQAGVQPALGVGL

Product Description

Expression Systems
Baculovirus/Insect expression system

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

ADORA2B

Full Name

Adenosine A2b receptor

Introduction

This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17.

Alternative Names

ADORA2; adenosine receptor A2b; ADORA2B; Adenosine A2b receptor

Gene ID

136

UniProt ID

P29275