

Product Information

MemDX™ Membrane Protein Human ADORA2B (Adenosine A2b receptor) for Antibody

Discovery

Cat. No.: **MP0019X**

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

This product is a 36.52 kDa Human ADORA2B 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

ADORA2B

Protein Length

Full-length

Molecular Weight

36.52 kDa

TMD

7

Sequence

MLLETQDALYVALELVIAALSVAGNVLC AAVGTANTLQTPTNYFLVSLAAADVAVGLFAIPFAITISLGFCTDFYGCFLACFVLVLTQ

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

Gene ID

[136](#)

UniProt ID

[P29275](#)