

Product Information

MemDX™ Membrane Protein Human ADORA2B (Adenosine A2b receptor) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3355K**

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

This product is a Human ADORA2B membrane protein expressed *in vitro* *E.coli* 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

TMD

7

Sequence

MLLETQDALYVALELVIAALSVAGNVLVCAAVGTANTLQTPTNYFLVSLAAADVAVGLFAIPFAITISLGFCTDFYGCFLACFVLVLTQ

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

ADORA2B; ADORA2; adenosine receptor A2b; Adenosine A2b receptor

Gene ID

[136](#)

UniProt ID

[P29275](#)