

Product Information

MemDX™ Membrane Protein Human ADRA2B (Adrenoceptor alpha 2B) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3583K**

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

This product is a Human ADRA2B 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

ADRA2B

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MDHQDPYSVQATAAIAAAITFLILFTIFGNALVILAVLTSRSLRAPQNLFLVSLAAADILVATLIIPFSLANELLYWYFRRTWCEVYLALL

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

ADRA2B

Full Name

Adrenoceptor alpha 2B

Introduction

This intronless gene encodes a seven-pass transmembrane protein. This protein is a member of a subfamily of G protein-coupled receptors that regulate neurotransmitter release from sympathetic nerves and from adrenergic neurons in the central nervous system.

Alternative Names

ADRA2B; FAME2; ADRA2L1; ADRARL1; ADRA2RL1; ALPHA2BAR; alpha-2BAR; ADRA2B adrenergic, alpha-2B-, receptor; G-protein coupled receptor; alpha-2 adrenergic receptor subtype C2; alpha-2-adrenergic receptor-like 1; alpha-2B adrenoreceptor; Adrenoceptor alpha 2B

Gene ID

[151](#)

UniProt ID

[P18089](#)