

Product Information

MemDX™ Membrane Protein Human ADRA2B (Adrenoceptor alpha 2B) Full Length

Cat. No.: **MPC0029K**

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

This product is a 49.9 kDa Human ADRA2B 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

ADRA2B

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

49.9 kDa

TMD

7

Sequence

MDHQDPYSVQATAAIAAAITFLILFTIFGNALVILAVLTSRSLRAPQNLF
LVSLAAADILVATLIIPFSLANELLYWYFRRTWCEVYLALDVLCTSSI
VHLCAISLDTRYWAVSRLEYNSKRTPRIKCIILTVWLIAAVISLPPLIY
KGDQGPQPRGRPQCKLNQEAUYILASSIGSFAPCLIMILVYLRIYLIK
RSNRRGPRAKGGPGQGEGSKQPRPDHGGALASAKLPALASVASAREVNGHS
KSTGEKEEGETPEDTGTRALPPSWAALPNSGQGQKEGVCGASPEDEAE
EEEEEEEECEPQAVPVSPASACSPPLQPPQGSRLATLRGQVLLGRGVG
AIGGQWWRRRAQLTREKRFTFVLAVVIGVFVLCWFPFFFSYSLGAICPKH
CKVPHGLFQFFFWIGYCNSLNPIYITFNQDFRRAFRILCRPWTQTAW

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Flag and 6xHis tag at N-terminal

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**

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

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; ADRA2B; Adrenoceptor alpha 2B

Gene ID

[151](#)

UniProt ID

[P18089](#)