

Product Information

MemDX™ Membrane Protein Human ADRB3 (Adrenoceptor beta 3) without tag for Antibody

Discovery

Cat. No.: **MP0023X**

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

This product is a 43.5 kDa Human ADRB3 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

ADRB3

Protein Length

Full-length

Molecular Weight

43.5 kDa

TMD

7

Sequence

MAPWPHENSSLAPWPDLPNTANTSGLPGVPEAALAGALLALAVLATVGGNLLVIVAIWTPRLQTMNTNFVFTSLAAADLVM

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

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**

ADRB3

Full Name

Adrenoceptor beta 3

Introduction

The protein encoded by this gene belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. Obesity and bodyweight-related disorders are correlated with certain polymorphisms in three subtypes of beta-adrenoceptor, among them, the ADRB3 gene.

Alternative Names

BETA3AR; Beta-3 Adrenergic Receptor

Gene ID

[155](#)

UniProt ID

[P13945](#)