

Product Information

MemDX™ Membrane Protein Human GPR143 (G protein-coupled receptor 143) for Antibody

Discovery

Cat. No.: **MP0443X**

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

This product is a 72.5 kDa Human GPR143 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

GPR143

Protein Length

Full-length

Molecular Weight

72.5 kDa

TMD

7

Sequence

MTQAGRRGPGTPEPRPRTQPMASPRLGTFCCPTRDAATQLVLSFQPRAFHALLCLGSGGLRLALGLLQLLPGRRPAGPGSPATSP

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

GPR143

Full Name

G protein-coupled receptor 143

Introduction

This gene encodes a protein that binds to heterotrimeric G proteins and is targeted to melanosomes in pigment cells. This protein is thought to be involved in intracellular signal transduction mechanisms. Mutations in this gene cause ocular albinism type 1, also referred to as Nettleship-Falls type ocular albinism, a severe visual disorder. A related pseudogene has been identified on chromosome Y

Alternative Names

OA1; NYS6

Gene ID

[4935](#)

UniProt ID

[P51810](#)