

Product Information

MemDX™ Membrane Protein Human RRH (Retinal pigment epithelium-derived rhodopsin homolog) Full Length

Cat. No.: **MPC1091K**

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

This product is a 37.4 kDa Human RRH membrane protein expressed in HEK293. 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

RRH

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

37.4 kDa

TMD

7

Sequence

MLRNNLGNSSDSKNEDGSVFSQTEHNIVATYLMAGMISIISNIIVLGIF
IKYKELRTPPTNAIIINLAVTDIGVSSIGYPMSAASDLYGSWKFGYAGCQV
YAGLNIFFGMASIGLLTVVAVDRYLTICLPDVGRRMTTNTYIGLILGAWI
NGLFWALMPIIGWASYAPDPTGATCTINWRKNDRSFVSYTMTVIAINFIV
PLTVMFYCYHYHTLSIKHHTTSDCTESLNRDWSQIDVTKMSVIMICMFL
VAWSPYSIVCLWASFGDPKKIPPPMAIIAPLFAKSSTFYNPCIYVVANKK
FRRAMLAMFKCQTHQTMPVTSILPMDVSQNPLASGRI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

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**

RRH

Full Name

Retinal pigment epithelium-derived rhodopsin homolog

Introduction

Opsins are members of the guanine nucleotide-binding protein (G protein)-coupled receptor superfamily. This gene belongs to the seven-exon subfamily of mammalian opsin genes that includes opsin 5 and retinal G protein coupled receptor.

Alternative Names

RRH; Visual pigment-like receptor peropsin; peropsin; Retinal pigment epithelium-derived rhodopsin homolog

Gene ID

[10692](#)

UniProt ID

[Q14718](#)