

Product Information

MemDX™ Membrane Protein Human RRH (Retinal pigment epithelium-derived rhodopsin homolog) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3372K**

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

This product is a Human RRH 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

RRH

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MLRNNLGNSSDSKNEDGSVFSQTEHNIVATYLMAGMISIISNIIVLGIFIKYKELRTPTNIIINLAVTDIGVSSIGYPMSAASDLYGSWK

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

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](#)