

Product Information

NativeExtract™ Human RRH Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX56**

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

This product is recombinant Human RRH protein in native nanodisc form. The synthetic compound we developed can solubilize the RRH protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

RRH

Protein Length

Full length

Molecular Weight

37.4kDa

Sequence

Accession # [O14718](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

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

[O14718](#)