

Product Information

NativeExtract™ Human HTR4 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX344**

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

This product is recombinant Human HTR4 protein in native nanodisc form. The synthetic compound we developed can solubilize the HTR4 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

HTR4

Protein Length

Full length

Molecular Weight

43.8kDa

Sequence

Accession # [Q13639](#)

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**

HTR4

Full Name

5-hydroxytryptamine receptor 4

Introduction

This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described.

Alternative Names

5-HT4; 5-HT4R; 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled; 5-hydroxytryptamine receptor 4 transcript variant b2; 5-hydroxytryptamine receptor 4 transcript variant b3; cardiac 5-HT4 receptor; HTR4; 5-hydroxytryptamine receptor 4

Gene ID

[3360](#)

UniProt ID

[Q13639](#)