

Product Information

MemDX™ Membrane Protein Human HTR4 (5-hydroxytryptamine receptor 4) for Antibody

Discovery

Cat. No.: **MP0534X**

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

This product is a 70.2 kDa Human HTR4 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

HTR4

Protein Length

Full-length

Molecular Weight

70.2 kDa

TMD

7

Sequence

MDKLDANVSSEEGFGSVEKVLLTFLSTVILMAILGNLLVMVAVCWDRQLRKIKTNYFIVSLAFADLLVSVLVMPFGAIELVQDIWIYGI

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**

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

Gene ID

[3360](#)

UniProt ID

[Q13639](#)