

Product Information

MemDX™ Membrane Protein Human HTR3C (5-hydroxytryptamine receptor 3C) Full Length

Cat. No.: **MPC1994K**

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

This product is a 50.2 kDa Human HTR3C 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

HTR3C

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

50.2 kDa

TMD

4

Sequence

MEGGWPARQSALLCLTVSLLLQGRGDAFTINCSGFDQHGVDPAVFQAVFD
RKAFRPFTNYSIPTRVNISFTLSAILGVDAQLQLLTSFLWMDLVWDNPF
NWNPKCEVGINKLTVLAENLWLPDIFIVESMDVDQTPSGLTAYISSEGRI
KYDKPMRVTSICNLDIFYFPFDQQNCTFTFSSFLYTVDSMLLGMDKEVWE
ITDTSRKVIQTQGEWELLGINKATPKMSMGNNLYDQIMFYVAIRRRPSLY
IINLLVPSSFLVAIDALSFYLPASEENRAPFKITLLGYNVFLLMMNDLL
PASGTPLISVYFALCLSLMVVSLLETVFITYLLHVATTQPPMPRWLHSL
LLHCTSPGRCCPTAPQKGNKGLGLTLTHLPGPKPEGELAGKKLGPRETEP
DGGSGWTKTQLMELVWQFSHAMDTLLFRLYLLFMASILTIVVLWNT

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 -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

HTR3C

Full Name

5-hydroxytryptamine receptor 3C

Introduction

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3.

Alternative Names

HTR3C; 5-HT3-C; 5-HT3C; 5-hydroxytryptamine (serotonin) receptor 3, family member C; 5-hydroxytryptamine (serotonin) receptor 3C, ionotropic; 5-hydroxytryptamine receptor 3 subunit C; serotonin receptor 3C; 5-hydroxytryptamine receptor 3C

Gene ID

[170572](#)

UniProt ID

[Q8WXA8](#)