SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human HTR3B (5-hydroxytryptamine receptor 3B) Expressed *in vitro E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX2532K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human HTR3B 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
HTR3B

Protein Length
Full Length of Mature Protein

Protein Class
Ion channel, Transport

TMD
4

Sequence
TDTHHPQDSALYHLSKQLLQKYHKEVRPVYNWTKATTVYLDLFVHAILDVDAENQILKTSVWYQEVWNDEFLSWNSSMFDEIREISL

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

HTR3B

Full Name

5-hydroxytryptamine receptor 3B

Introduction

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit B 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. It is not functional as a homomeric complex, but a pentaheteromeric complex with subunit A (HTR3A) displays the full functional features of this receptor.

Alternative Names

HTR3B; 5-HT3B; 5-hydroxytryptamine (serotonin) receptor 3B, ionotropic; 5-hydroxytryptamine 3 receptor B subunit; serotonin-gated ion channel subunit; 5-hydroxytryptamine receptor 3B

Gene ID

9177

UniProt ID

O95264

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com