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Product Information

MemDX™ Membrane Protein Human HTR1F (5-hydroxytryptamine receptor 1F) for Antibody Discovery

Cat. No.: **MP1359J**
This product is for research use only and is not intended for diagnostic use.

This product is a 60.2 kDa Human HTR1F membrane protein expressed in E.coli. 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
HTR1F

Protein Length
Full-length

Protein Class
GPCR

Molecular Weight
60.2 kDa

TMD
7

Sequence
MDFLNSSDQNLTSEELLNRMPSKILVSLTLSGLALMTTTINSLVIAAIIVTRKLHHPANYLICSLAVTDFLVAVLVMPFSIVYIVRESWIMG

Product Description

Expression Systems
E.coli

Tag
N-10xHis-SUMO

Form
Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol
Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

HTR1F

Full Name

5-hydroxytryptamine receptor 1F

Introduction

G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various alkaloids and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity.

Alternative Names

5HT6; MR77; 5-HT1F; HTR1EL; 5-HT-1F; HTR1F; HTR1EL5-hydroxytryptamine receptor 1F; 5-HT-1F; Serotonin receptor 1F

Gene ID

3355

UniProt ID

P30939

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