

Product Information

MemDX™ Membrane Protein Human P2RY4 (Pyrimidinergic receptor P2Y4) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3470K**

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

This product is a Human P2RY4 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

P2RY4

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MASTESSLLRSLGLSPGPSSEVELDCWFDEDFKILLPVSYAVVFLGLGLNAPTLWLFIFRLRPWDATATYMFHLALSDTLVLSL

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

P2RY4

Full Name

Pyrimidinergic receptor P2Y4

Introduction

The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is responsive to uridine nucleotides, partially responsive to ATP, and not responsive to ADP.

Alternative Names

P2RY4; NRU; P2P; UNR; P2Y4; P2Y purinoceptor 4; pyrimidinergic receptor P2Y, G-protein coupled, 4; uridine nucleotide receptor; Pyrimidinergic receptor P2Y4

Gene ID

[5030](#)

UniProt ID

[P51582](#)