

# Product Information

## MemDX™ Membrane Protein Human P2RY4 (Pyrimidinergic receptor P2Y4) for Antibody

### Discovery

Cat. No.: **MP0996X**

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

This product is a 67.4 kDa Human P2RY4 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

P2RY4

#### Protein Length

Full-length

#### Molecular Weight

67.4 kDa

#### TMD

7

#### Sequence

MASTESSLLRSLGLSPGPSSEVELDCWFDEDFKILLPVSYAVVFLGLGLNAPTLWLFIFRLRPWDATATYMFHLALSDTLVLSL

### 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**

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**

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

**Gene ID**

[5030](#)

**UniProt ID**

[P51582](#)