

# Product Information

## **MemDX™ Membrane Protein Human KCTD4 (Potassium channel tetramerization domain containing 4) for Antibody Discovery**

Cat. No.: **MP0603X**

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

This product is a 54.23 kDa Human KCTD4 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

KCTD4

#### Protein Length

Full-length

#### Molecular Weight

54.23 kDa

#### Sequence

MERKINRREKEKEYEGKHNSLEDDQGKNCKSTLMTLNVGGYLYITQKQTLTKYPDTFLEGIVNGKILCPFDADGHYFIDRDGLLFR

### 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**

KCTD4

**Full Name**

Potassium channel tetramerization domain containing 4

**Introduction**

The KCTD4 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog.

**Alternative Names**

bA321C24.3

**Gene ID**

[386618](#)

**UniProt ID**

[Q8WVF5](#)