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# Product Information

## MemDX™ Membrane Protein Human KCTD7 (Potassium channel tetramerization domain containing 7) for Antibody Discovery

Cat. No.: **MP0605X**
This product is for research use only and is not intended for diagnostic use.

This product is a 59.5 kDa Human KCTD7 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**
KCTD7

**Protein Length**
Full-length

**Molecular Weight**
59.5 kDa

**Sequence**
MVVVTGREPDSRRQDGAMSSSDAEDDFLEPATPTATQAGHALPLLPQEFPEVVPLNIGGAHFTTRLSTLRCYEDTMLAAMFSGRH

## 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**

KCTD7

**Full Name**

Potassium channel tetramerization domain containing 7

**Introduction**

This gene encodes a member of the potassium channel tetramerization domain-containing protein family. Family members are identified on a structural basis and contain an amino-terminal domain similar to the T1 domain present in the voltage-gated potassium channel. Mutations in this gene have been associated with progressive myoclonic epilepsy-3. Alternative splicing results in multiple transcript variants

**Alternative Names**

EPM3; CLN14

**Gene ID**

154881

**UniProt ID**

Q96MP8