

# Product Information

## MemDX™ Membrane Protein Human ARV1 (ARV1 homolog, fatty acid homeostasis modulator) for Antibody Discovery

Cat. No.: **MP0066X**

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

This product is a 57.5 kDa Human ARV1 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

ARV1

#### Protein Length

Full-length

#### Molecular Weight

57.5 kDa

#### TMD

3

#### Sequence

MGNGGRSGLQQGKGNVDGVAATPTAASASCQYRCIECNQEAKELYRDYNHGVLKITICKSCQKPVDKYIEYDPVILINAILCKAQAY

### 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**

ARV1

**Full Name**

ARV1 homolog, fatty acid homeostasis modulator

**Introduction**

This gene encodes a transmembrane protein that contains a conserved zinc ribbon motif at the N- terminus. A similar protein in mouse is thought to function in fatty acid homeostasis. Mutations in this gene are associated with early infantile epileptic encephalopathy 38

**Alternative Names**

ARV1 homolog; OTTHUMP00000035970

**Gene ID**

[64801](#)

**UniProt ID**

[Q9H2C2](#)