

# Product Information

## **MemDX™ Membrane Protein Human ARL6IP5 (ADP ribosylation factor like GTPase 6 interacting protein 5) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX2166K**

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

This product is a Human ARL6IP5 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

ARL6IP5

#### Protein Length

Full Length

#### Protein Class

Receptor

#### TMD

4

#### Sequence

MDVNIAPLRAWDDFFPGSDRFARPDFRDISKWNRRVVSNNLLYYQTNYLVVAAMMISIVGFLSPFNMLGGIVVVLVFTGFVWAAHNK

### 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

ARL6IP5

#### Full Name

ADP ribosylation factor like GTPase 6 interacting protein 5

#### Introduction

Expression of this gene is affected by vitamin A. The encoded protein of this gene may be associated with the cytoskeleton. A similar protein in rats may play a role in the regulation of cell differentiation. The rat protein binds and inhibits the cell membrane glutamate transporter EAAC1. The expression of the rat gene is upregulated by retinoic acid, which results in a specific reduction in EAAC1-mediated glutamate transport.

#### Alternative Names

ARL6IP5; JWA; jmx; hp22; PRAF3; Yip6b; DERP11; HSPC127; addicisin; GTRAP3-18; PRA1 family protein 3; ADP-ribosylation factor GTPase 6 interacting protein 5; ADP-ribosylation factor-like 6 interacting protein 5; ADP-ribosylation factor-like protein 6-interacting protein 5; ADP-ribosylation-like factor 6 interacting protein 5; ARL-6-interacting protein 5; JM5; PRA1 domain family 3; aip-5; cytoskeleton-related vitamin A-responsive protein; dermal papilla derived protein 11; glutamate transporter EAAC1-interacting protein; glutamate transporter EEAC1-associated protein; prenylated Rab acceptor protein 2; protein JWA; putative MAPK activating protein PM27; ADP ribosylation factor like GTPase 6 interacting protein 5

#### Gene ID

[10550](#)

#### UniProt ID

[Q75915](#)