

# Product Information

## MemDX™ Membrane Protein Human ARL6IP1 (ADP ribosylation factor like GTPase 6 interacting protein 1)

Cat. No.: **MP0220J**

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

This product is a 23.2 kDa Human ARL6IP1 membrane protein expressed in HEK293T. 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

ARL6IP1

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

23.2 kDa

#### TMD

3

#### Sequence

MAEGDNRSTNLLAAETASLEEQQLQGWEVMLMADKVLRWERAWFPPAIMGVVSLVFLIIYYLDPSVLSGV  
SCFVMFLCLADYLVPI LAPRIFGSNKWTTEQQQRFHEICSNLVKTRRRVGVVWKRFLTLKEEKPKMYFMT  
MIVSLAAVAWVGQQVHNLLLTYLIVTSLLLPLGNQHGIIKYIGMAKREINKLLKQKEKKNE

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

#### Form

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

ARL6IP1

**Full Name**

ADP ribosylation factor like GTPase 6 interacting protein 1

**Introduction**

This gene belongs to the ARL6ip family and encodes a transmembrane protein that is predominantly localized to intracytoplasmic membranes. It is highly expressed in early myeloid progenitor cells and thought to be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Mutations in this gene are associated with spastic paraplegia 61 (SPG61). Alternatively spliced transcript variants have been found for this gene.

**Alternative Names**

AIP1; ARMER; SPG61; ARL6IP; ADP-ribosylation factor-like protein 6-interacting protein 1; ADP-ribosylation factor GTPase 6 interacting protein 1; ARL-6-interacting protein 1; apoptotic regulator in the membrane of the endoplasmic reticulum

**Gene ID**

[23204](#)

**UniProt ID**

[Q15041](#)