

## Product Information

### MemDX™ Membrane Protein Mouse Atl1 (Atlastin GTPase 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1914K**

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

This product is a Mouse Atl1 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

Mouse

##### Target Protein

Atl1

##### Protein Length

Full Length

##### Protein Class

Receptor

##### TMD

2

##### Sequence

MAKSRRDRNSWGGFSEKSSDWSSSEEEPVRKAGPVQVLIVKDDHSFELDEALNRILLSQAVRDKEVVAVSVAGAFRKGSFLMD

#### 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**

At1

### **Full Name**

Atlastin GTPase 1

### **Introduction**

This gene encodes a member of the dynamin family of GTPases. The encoded protein interacts with tubule-shaping proteins of the endoplasmic reticulum. Mutations in the homologous human gene can cause hereditary spastic paraplegia.

### **Alternative Names**

At1; FS; SP; AD-; Fsp1; Spg3; Adfsp; Spg3a; 4930435M24Rik; atlastin-1; spastic paraplegia 3A homolog; Atlastin GTPase 1

### **Gene ID**

[73991](#)

### **UniProt ID**

[Q8BH66](#)