

# Product Information

## **MemDX™ Membrane Protein Human ATL3 (Atlastin GTPase 3) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX1902K**

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

This product is a Human ATL3 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**

ATL3

#### **Protein Length**

Full Length

#### **Protein Class**

Receptor

#### **TMD**

2

#### **Sequence**

MLSPQRVAAAASRGADDAMESSKPGPVQVVLVQKDQHSFELDEKALASILLQDHIRDLDDVVVSVAGAFRKGKSFILDFMLRYLYS

### 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**

ATL3

#### **Full Name**

Atlastin GTPase 3

#### **Introduction**

This gene encodes a member of a family of dynamin-like, integral membrane GTPases. The encoded protein is required for the proper formation of the network of interconnected tubules of the endoplasmic reticulum. Mutations in this gene may be associated with hereditary sensory neuropathy type IF. Alternatively spliced transcript variants that encode distinct isoforms have been described.

#### **Alternative Names**

ATL3; HSN1F; atlastin-3; Atlastin GTPase 3

#### **Gene ID**

[25923](#)

#### **UniProt ID**

[Q6DD88](#)