

Product Information

MemDX™ Membrane Protein Human ATL3 (Atlastin GTPase 3) for Antibody Discovery

Cat. No.: **MP0309J**

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

This product is a 60.4 kDa Human ATL3 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

ATL3

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

60.4 kDa

TMD

2

Sequence

MLSPQRVAAAASRGADDAMESSKPGPVQVVLVQKDQHSFELDEKALASILLQDHIRDLDVVVSVAGAFR
KGKSFILDFMLRYLYSQKESGHSNWLGDPPEEPLTGFSWRGGSDPETTGIIWSEVFTVEKPGGKKVAVVL
MDTQGAFDSQSTVKDCATIFALSTMTSSVQIYNLSQNIQEDDLQQLQLFTEYGRLAMDEIFQKPFQTLMF
LVRDWSFPYEYSYGLQGGMAFLDKRLQVKEHQHEEIQNVRNHIHSCFSDVTCFLLPHPGLQVATSPDFDG
KLKDIAGEFKEQLQALIPYVLNPSKLMEKEINGSKVTCRGLLEYFKAYIKIYQGEDLPHPKSMLQATAEA
NNLAAAASAKDIYYNNMEEVCGGEKPYLSPDILEEKHCFEKLALDHFKKTKKMGGKDFSFRYQQELEE
IKELYENFCKHNGSKNVFSTFRTPAVLFTGIVALYIASGLTGFIGLEVVAQLFNCMVGLLLIALLTWGYI
RYSGQYRELGGAIIDFGAAYVLEQASSHIGNSTQATVRDAVVGRPSMDKKAQ

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**

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

HSN1F; atlastin-3

Gene ID

[25923](#)

UniProt ID

[Q6DD88](#)