

Product Information

MemDX™ Membrane Protein Human AFG3L2 (AFG3 like matrix AAA peptidase subunit 2)

Full Length

Cat. No.: **MPC3527K**

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

This product is a made-to-order Human AFG3L2 membrane protein expressed in HEK293. 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

AFG3L2

Protein Length

Full length

Protein Class

Protease

TMD

2

Sequence

MAHRCLRLWGRGGCWPRGLQQLLVPGGVGPGEQPCLRTLRYFVTTQARAS
RNSLLTDIAAYQRFCSRPPKGFKEYFPNGKNGKKASEPKEVMGEKKESK
PAATTRSSGGGGGGGGGKRGKKDDSHWWSRFQKGDIPWDDKDFRMFFLWT
ALFWGGVMFYLLKRSGREITWKDFVNNYLSKGVVDRLEVVNKRFRVTF
TPGKTPVDGQYVWFNIGSVDTFERNLETQQLGIEGENRVPVYIAESD
GSFLLSMLPTVLIIFLLYTIRRGPAIGRTGRGMGGLFSVGETTAKVLK
DEIDVKFKDVAGCEEAKLEIMEFVNFLKNPKQYQDLGAKIPKGAILTGPP
GTGKTLAKATAGEANVPFITVSGSEFLEMFGVGPARGVDRDLFALARKNA
PCILFIDEIDAVGRKRGRGNFGGQSEQENTLNQLLVEMDGFNTTTNVVIL
AGTNRPDILDALLRPGRFDRQIFGPPDIKGRASIFKVHLRPLKLDSTL
EKDKLARKLASLTPGFSGADVANCNEAALIAARHLSDSINQKHFEQAIE
RVIGGLEKKTQVLQPEEKKTAVYHEAGHAVAGWYLEHADPLLKVSIIPRG
KGLGYAQYLPKEQYLYTKEQLLDRMCMTLGGVSEEIFFGRITGAQDDL
RKVTQSAYAQIVQFGMNEKVGQISFDLPRQGDMVLEKPYSEATARLIDDE
VRILINDAYKRTVALLTEKKADVEKVALLLLEKVLDKNDMVELLGPRPF
AEKSTYEEFVEGTGSLDEDTSLPEGLKDWNKEREKEKEEPPGEKVAN

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

AFG3L2

Full Name

AFG3 like matrix AAA peptidase subunit 2

Introduction

This gene encodes a protein localized in mitochondria and closely related to paraplegin. The paraplegin gene is responsible for an autosomal recessive form of hereditary spastic paraplegia. This gene is a candidate gene for other hereditary spastic paraplegias or neurodegenerative disorders.

Alternative Names

AFG3L2; OPA12; SCA28; SPAX5; AFG3-like protein 2; AFG3 ATPase family gene 3-like 2; AFG3 ATPase family member 3-like 2; AFG3 like AAA ATPase 2; ATPase family gene 3, yeast; paraplegin-like protein; AFG3 like matrix AAA peptidase subunit 2

Gene ID

[10939](#)

UniProt ID

[Q9Y4W6](#)