

Product Information

MemDX™ Membrane Protein Human SPPL2A (Signal peptide peptidase like 2A) Full Length

Cat. No.: **MPC1128K**

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

This product is a 58.1 kDa Human SPPL2A 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

SPPL2A

Protein Length

Full length

Protein Class

Protease

Molecular Weight

58.1 kDa

TMD

9

Sequence

MGPQRRRLSPAGAALLWGFLLQLTAAQEAILHASGNGTTKDYCMLYNPYWT
ALPSTLENATSISLMNLTSTPLCNLSDIPPVGIKSKAVVVPWGSCHFLEK
ARIAQKGGAEAMLVVNNSVLFPSPGNRSEFPDVKILIAFISYKDFRDMNQ
TLGDNITVKMYSWPNFDYTMVVIFVIAVFTVALGGYWVSLVELENLKA
VTTEDREMRKKKEEYLTFSPLTVVIFVVICCVMMVLLYFFYKWL VYVMIA
IFCIASAMSLYNCLAALIHKIPYGQCTIACRGKNMEVRLIFLSGLCIAVA
VWVAVFRNEDRWAWILQDILGIAFCLNLIKTLKLPNFKSCVILLGLLLLY
DVFFVFITPFITKNGESIMVELAAGPFGNNEKLPVVIRVPKLIYFSVMSV
CLMPVSILGFGDIIVPGLLIAYCRRFDVQTGSSYIYVSSTVAYAIGMIL
TFVVLVLMKKGQPALLYLVPCTLITASVVAWRRKEMKKFWKGNYSYQMMDH
LDCATNEENPVISGEQIVQQ

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

SPPL2A

Full Name

Signal peptide peptidase like 2A

Introduction

This gene encodes a member of the GXGD family of aspartic proteases, which are transmembrane proteins with two conserved catalytic motifs localized within the membrane-spanning regions, as well as a member of the signal peptide peptidase-like protease (SPPL) family. This protein is expressed in all major adult human tissues and localizes to late endosomal compartments and lysosomal membranes. A pseudogene of this gene also lies on chromosome 15.

Alternative Names

SPPL2A; IMP3; PSL2; signal peptide peptidase-like 2A; IMP-3; SPP-like 2A; intramembrane cleaving protease; intramembrane protease 3; presenilin-like protein 2; PSEC0147; Signal peptide peptidase like 2A

Gene ID

[84888](#)

UniProt ID

[Q8TCT8](#)