

Product Information

MemDX™ Membrane Protein Human SLMAP (Sarcolemma associated protein) Full Length

Cat. No.: **MPC1025K**

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

This product is a 95.1 kDa Human SLMAP 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

SLMAP

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

95.1 kDa

TMD

1

Sequence

MPSALAIFTCRPN SHPFQERHVYLDEPIKIGRSVARCRPAQNNATFDCKV
LSRNHALVWFDHKTGKFYLQDTKSSNGTFINSQRLSRGSEESPPCEILSG
DIIQFGVDVTENTRKVTHGCIIVSTIKLFLPDGMEARLRSDVIHAPLPSPV
DKVAANTPSMYSQELFQLSQYLQEALHREQMLEQKLATLQRLLAITQEAS
DTSWQALIDEDRLLSRLEVMGNQLQACSKNQTEDSLRKELIALQEDKHNY
ETTAKESLRRVLQEKIEVVRLKSEVERSLSNTEDEC THLKEMNERTQEEL
RELANKYNGAVNEIKDLSDKLKVAEGKQEEIQKKGQAEEKELQHKIDEME
EKEQELQAKIEALQADNDF TNERLTALQVRLEHLQEKT LKECSSLEHLLS
KSGGDCTFIHQFIECQKKLIVEGHLTKAVEETKLSKENQTRAKESDFS DT
LSPSKEKSSDDTTDAQMDEQDLNEPLAKVSLLKDDLQGAQSEIEAKQEIQ
HLRKELIEAQELARTSKQKCFELQALLEEERKAYRNQVEESTKQIQVLQA
QLQRLHIDTENREEKDSEITSTRDELLSARDEILLHQAAAKVASERDT
DIASLQEELKKVRAELERWRKAASEYEKEITSLQNSFQLRCQQCEDQQR E
EATRLQGELEKLRKEWNALETECHSLKRENVLLSSELQRQEKE LHNSQKQ
SLELTSDLSILQMSRKELENQVGS LKEQH L RDSADLKTLLSKAENQAKDV
QKEYEKTQTVLSELKLKFEMTEQE KQSITDELKQCKNNL KLLREKGNNKP
WPWMPMLAALVAVTAIVLYVPGLARASP

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

SLMAP

Full Name

Sarcolemma associated protein

Introduction

This gene encodes a component of a conserved striatin-interacting phosphatase and kinase complex. Striatin family complexes participate in a variety of cellular processes including signaling, cell cycle control, cell migration, Golgi assembly, and apoptosis. The protein encoded by this gene is a coiled-coil, tail-anchored membrane protein with a single C-terminal transmembrane domain that is posttranslationally inserted into membranes. Mutations in this gene are associated with Brugada syndrome, a cardiac channelopathy. Alternative splicing results in multiple transcript variants.

Alternative Names

SLMAP; SLAP; sarcolemmal membrane-associated protein; KIAA1601; UNQ1847/PRO3577; Sarcolemma associated protein

Gene ID

[7871](#)

UniProt ID

[Q14BN4](#)