

Product Information

MemDX™ Membrane Protein Human SPINT2 (Serine peptidase inhibitor, Kunitz type 2) Full Length

Cat. No.: **MPC2451K**

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

This product is a made-to-order Human SPINT2 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

SPINT2

Protein Length

Full length

Protein Class

Protease inhibitor

TMD

1

Sequence

MAQLCGLRRSRAFLALLGSLLLSGVLAADRERSIHDFCLVSKVVGRCRAS
MPRWWYNVTDGSCQLFVYGGCDGNSNNYLTKKECLKKCATVTENATGDLA
TSRNAADSSVPSAPRRQDSEDHSSDMFNYYEYCTANAVTGPCRASFPWWY
FDVERNSCNNFIYGGCRGNKNSYRSEEACMLRCFRQQENPPLPLGSKVVV
LAGLFVMVLILFLGASMVYLIRVARRNQERALRTVWSSGDDKEQLVKNTY
VL

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**

SPINT2

Full Name

Serine peptidase inhibitor, Kunitz type 2

Introduction

This gene encodes a transmembrane protein with two extracellular Kunitz domains that inhibits a variety of serine proteases. The protein inhibits HGF activator which prevents the formation of active hepatocyte growth factor. This gene is a putative tumor suppressor, and mutations in this gene result in congenital sodium diarrhea. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

SPINT2; PB; Kop; HAI2; DIAR3; HAI-2; kunitz-type protease inhibitor 2; hepatocyte growth factor activator inhibitor type 2; serine protease inhibitor, Kunitz type, 2; testicular tissue protein Li 183; Serine peptidase inhibitor, Kunitz type 2

Gene ID

[10653](#)

UniProt ID

[Q43291](#)