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Product Information

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

Cat. No.: **MP0255J**
This product is for research use only and is not intended for diagnostic use.

This product is a 25.4 kDa Human SPINT2 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
SPINT2

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
25.4 kDa

TMD
1

Sequence
MAQLCGLRRSRAFLALLGSLLLSGVLAADRERSIHDFCLVSKVVGRCRASMPRWWYNVTDGSCQLFVYGG
CDGNSNNYLTKEECLKKCATVTENATGDLATSRNAADSSVPSAPRRQDSEDHSSDMFNYEEYCTANAVTG
PCRASFPRWYFDVERNSCNNFIYGGCRGNKNSYRSEEACMLRCFRQQENPPLPLGSKVVLLAGLFVMVLI
LFLGASMVYLIRVARRNQERALRTVWSSGDDKEQLVKNTYVL

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

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

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

Gene ID

10653

UniProt ID

O43291