9051 Mira Mesa Blvd, #910094
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SPINT2 Human, Sf9

Serine Peptidase Inhibitor, Kunitz Type 2 Human Recombinant, Sf9
RCP2224

Product Overview

Name	SPINT2 Human, Sf9

Description

Serine Peptidase Inhibitor, Kunitz Type 2 Human Recombinant, Sf9

Accession (Primary)	O43291

Synonyms

Serine Peptidase Inhibitor, Kunitz Type, 2, Placental Bikunin, Hepatocyte Growth Factor Activator Inhibitor Type 2, Serine Protease Inhibitor, Kunitz Type, 2, HAI-2, HAI2, Kop, Kunitz-Type Protease Inhibitor 2, Placental, Bikunin, DIAR3, PB, Kunitz-type protease inhibitor 2.

Introduction

SPINT2 is a transmembrane protein acts as an inhibitor of HGF activator. SPINT2 inhibits plasmin, plasma and tissue kallikrein, and factor XIa. SPINT2 has two extracellular Kunitz domains that inhibit few serine proteases. SPINT2 is assumed tumor suppressor, mutations in SPINT2 leads to a congenital sodium diarrhea.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered clear solution.

Formulation

SPINT2 protein solution (0.2mg/ml) contains phosphate buffered saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

ADRERSIHDF CLVSKVVGRC RASMPRWWYN VTDGSCQLFV YGGCDGNSNN YLTKEECLKK CATVTENATG DLATSRNAAD SSVPSAPRRQ DSEDHSSDMF NYEEYCTANA VTGPCRASFP RWYFDVERNS CNNFIYGGCR GNKNSYRSEE ACMLRCFRQQ ENPPLPLGSK HHHHHH .

Precautions

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SPINT2 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43291)