9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SPINT2 Human

Serine Peptidase Inhibitor, Kunitz Type 2 Human Recombinant
RCP2223

Product Overview

Name	SPINT2 Human

Description

Serine Peptidase Inhibitor, Kunitz Type 2 Human Recombinant

Accession (Primary)	O43291

Synonyms

DIAR3, FLJ45571, HAI-2, HAI2, Kop, PB, Kunitz-type protease inhibitor 2, Hepatocyte growth factor activator inhibitor type 2, Placental bikunin, SPINT2.

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

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

SPINT2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSHM ADRER SIHDFCLVSK VVGRCRASMP RWWYNVTDGS CQLFVYGGCD GNSNNYLTKE ECLKKCATVT ENATGDLATS RNAADSSVPS APRRQDSEDH SSDMFNYEEY CTANAVTGPC RASFPRWYFD VERNSCNNFI YGGCRGNKNS YRSEEACMLR CFRQQENPPL PLGSK.

Precautions

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

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (O43291)