

32-13453: SPINT2 Human, Sf9

Alternative Name : 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.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

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.

SPINT2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 176 amino acids (28-197 a.a.) and having a molecular mass of 20kDa. (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). SPINT2 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 80.0% as determined by SDS-PAGE.

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

Storage condition : 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.

Amino Acid : ADRERSIHDF CLVSKVVGRC RASMPRWYWN VTDGSCQLFV YGGCDGNSNN YLTKEECLKK
CATVTENATG DLATSRNAAD SSVPSAPRRQ DSEDHSSDMF NYEEYCTANA VTGPCRASFP
RWYFDVERNS CNNFIYGGCR GNKNSYRSEE ACMLRCFRQQ ENPPLPLGSK HHHHHH.