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32-4945: Recombinant Human Serine Peptidase Inhibitor, Kunitz Type 2

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

Description

Source : Escherichia Coli. SPINT2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 195 amino acids (28-197 a.a.) and having a molecular mass of 21.8kDa.SPINT2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	SPINT2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 :	MGSSHHHHHH SSGLVPRGSH MGSHMADRER SIHDFCLVSK VVGRCRASMP RWWYNVTDGS CQLFVYGGCD GNSNNYLTKE ECLKKCATVT ENATGDLATS RNAADSSVPS APRRQDSEDH SSDMFNYEEY CTANAVTGPC RASFPRWYFD VERNSCNNFI YGGCRGNKNS YRSEEACMLR CFRQQENPPL PLGSK.

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