

**SPINT2, 28-197aa, Human, His tag, Insect cell**

**Cat.NO.: TP04018**

3th Edition

**Synonyms:**Kunitz-type protease inhibitor 2, DIAR3, HAI-2, HAI2, Kop, PB

**Description:**SPINT2, also known as kunitz-type protease inhibitor 2, inhibits HGF activator which prevents the formation of active hepatocyte growth factor. This protein has been identified as a putative tumor suppressor gene silenced by promoter methylation. Recombinant human SPINT2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In phosphate buffered saline (pH 7.4), 10% glycerol.

**Molecular Weight:**20kDa (176aa) 18-28kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADRERSIHDFCLVSKVVGRCRASMPRWWYNVTDGSCQLFVYGGCDGNSNNYLTKEECLKKCATVTENATGDLAT  
SRNAADSSVPSAPRRQDSEDHSSDMFNYYEYCTANAVTGPCRASFPRWYFDVERNNSCNFIYGGCRGNKNSYR  
SEEACMLRCFRQQENPPLPLGSKHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.2mg/ml (determined by absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.