

Recombinant human HAI-2 protein

Catalog Number: ATGP3111

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

28-197aa

UniProt No.

O43291

NCBI Accession No.

NP_066925

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

20kDa (176aa)

Concentration

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

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) 10% glycerol

Purity

> 80% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

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

General References

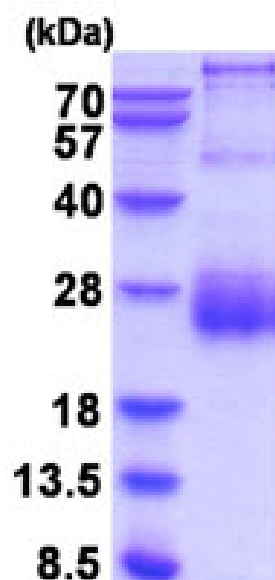
Heinz-Erian P, et al (2009) Am J Hum Genet. 84(2):188-96.

Muller-Pillasch F, et al (1998) Biochim Biophys Acta. 1395(1):88-95.

Yue D, et al (2014) Exp Cell Res. 322(1):149-58.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)