

## PRODUCT INFORMATION SUMMARY

### Human WISP-1

Purified Factor	Product Number	HC70052B	20.0 ug
	Product Number	HC70052A	5.0 ug

#### DESCRIPTION:

Human WISP-1 ( WNT-1 Inducible Signaling Pathway protein-1) is a cytokine regulatory factor that may be involved in promotion of tumorigenesis. WISP-1 is cysteine-rich and also plays a role in bone development. Expressed in pancreas, ovary, lung, kidney, heart, small intestine and spleen. It is composed of four structural domains and is a 38.1 kDa protein, with 346 aa. Residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug WISP-1  
Sterile filtered and lyophilized, additive-free.

#### BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards, activity determined by dose dependent proliferation of MCF-7 cells with half-maximal concentration of 3.0 ug/mL.

#### HANDLING AND STORAGE:

Purified WISP-1 factor is provided sterile-filtered and lyophilized from 10mM Acetic Acid with no additives. Store lyophilized, at -20° C. Upon reconstitution with 100 uL **10 mM Acetic Acid ( NOTE: slow to dissolve)**, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**Before opening vial**, it is recommended to **microcentrifuge vial** for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE