

PRODUCT INFORMATION SUMMARY

Human Vaspin

Purified Factor	Product Number	HC711330B	25.0 ug
	Product Number	HC711330A	5.0 ug

DESCRIPTION:

Human Vaspin, also known as Visceral adipose tissue-derived serpin, is a proteins expressed in visceral white adipose tissue and is a member of the serpin family of cytokines. These cytokines are irreversible serine-protease inhibitors, with a greater than 30% sequence homology with Alpha-1 Antitrypsin. The serpins are involved with complement activation, angiogenesis, fibrinolysis, blood coagulation, and tumor suppression. Vaspin expression in visceral fat is positively correlated with body mass and percent body fat. It is believed vaspin may play a potential role in the treatment of obesity. Human Vaspin is a 45.2 kDa protein with 395 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Vaspin
Sterile-filtered and lyophilized from PBS

BIOLOGICAL ACTIVITY: Under evaluation

HANDLING AND STORAGE:

Purified Human Vaspin factor is provided lyophilized. Store lyophilized, at -20° C. **Microcentrifuge** before reconstitution (see below). Upon reconstitution to concentration of 100 ug/mL in sterile or distilled water, further dilute in PBS or other buffered solutions. Store small aliquots, **with addition of 0.1% BSA**, at -20° C for long-term storage - up to 3 months, 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