

PRODUCT INFORMATION SUMMARY

Human Artemin

PRODUCT NUMBER	HC66603	Purified factor	20.0 ug
	HC66603A	Purified factor	5.0 ug

DESCRIPTION:

Human Artemin is a survival factor for neurons and belongs to the GDNF family of neurotrophic factors. Human Artemin is a disulfide-linked homodimer with molecular weight of 24.2 kDa with 113 amino acid residues.

SOURCE:

E. Coli
Purity greater than 98% by HPLC analysis
Endotoxin level < 0.1 ng per ug Artemin.
Sterile-filtered from 10 mM Sodium Citrate buffer, pH 4.5,
lyophilized and additive-free.

HANDLING AND STORAGE:

Provided as lyophilized protein. Human Artemin should be reconstituted in 100 uL sterile or distilled water to concentration of 100 ug/mL. Further dilute in PBS or other buffered solutions. This can be stored in small aliquots at -20° C., **with addition of carrier protein, ie., 0.1% BSA**, for long-term storage. **Microcentrifuge before reconstitution.** Because ANTIGENIX AMERICA factors are provided carrier-protein free, the small quantities of lyophilized protein can adhere to the sides of the vial. **Before opening vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

BIOACTIVITY: Stimulation of human SH-SY5Y cells is 5.0 ng/mL for half maximal proliferation. Also determined to promote neuronal survival and neurite outgrowth on dorsal root ganglion neurons.

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.

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DRUG USE.