

## PRODUCT INFORMATION SUMMARY

### Human Neurturin

PRODUCT NUMBER	HC88845A	5.0 ug
PRODUCT NUMBER	HC88845B	20.0 ug

#### DESCRIPTION:

Human Neurturin is a growth factor related to GDNF, Artemin and Persephin in structure, and are cysteine-knot family of growth factors. Neurturin is a homodimer that acts to enhance growth and survival of sensory and sympathetic neurons. It signals via the GFR alpha-2 and RET receptor system. Human Neurturin is a 206 aa. Disulfide-linked homodimer with two 11.8 kDa polypeptides.

#### SOURCE:

E.coli  
Purity greater than 98% by HPLC analysis.  
Endotoxin level less than 0.1 ng per ug Neurturin.

#### HANDLING AND STORAGE:

**Spin-down vial before reconstitution.** Reconstitute with sterile or distilled water to 100 ug/mL concentration. Further dilute in PBS or other aqueous buffers. This can be stored in small aliquots, **with addition of carrier protein**, ie., 0.1% BSA, frozen at -20° C.

#### BIOACTIVITY:

At concentration from 100.0 ng/mL , ability to support survival of majority of newborn Rat sympathetic 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 DIAGNOSTIC USE.**