

## 32-12264: Human Neurotrophin-4

**Gene :** NTF4  
**Gene ID :** 4909  
**Uniprot ID :** P34130  
**Alternative Name :** Neurotrophin-4, Neurotrophin-5, Neurotrophic factor 4

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** noncovalent homodimer, 14.1/28.1 kDa (131/262 aa)

Neurotrophin-4 (NT-4) is an important member of the nerve growth factor (NGF) family of proteins. Neurotrophins undergo paracrine and autocrine signaling to control neuronal survival, neuronal differentiation, and dendrite outgrowth. NT-4 is expressed ubiquitously and signals through the TrkB receptor tyrosine kinase.

### Product Info

**Amount :** 10 µg / 100 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%  
**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
Sterile water at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** MGVSSETAPAS RRGELAVCDA VSGWVTDRRT AVDLRGREVE VLGEVPAAGG SPLRQYFFET  
RCKADNAEEG GPGAGGGGCR GVDRRHVVSE CKAKQSYVRA LTADAQGRVG WRWIRIDTAC  
VCTLLSRTGR A

### Application Note

**Endotoxin:** Less than 0.1 ng/Âµg (1 IEU/Âµg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Â°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialled to compensate for this loss. Â Â



