

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Human NT-3 EBT-EPT238

| | |
|----------------------------|--|
| Article Name | Recombinant Human NT-3 |
| Biozol Catalog Number | EBT-EPT238 |
| Supplier Catalog Number | EPT238 |
| Alternative Catalog Number | EBT-EPT238-50 |
| Manufacturer | ELK Biotechnology |
| Category | Proteine/Peptide |
| Product Description | Recombinant Human Neurotrophin-3 is produced by our E.coli expression system and the target gene encoding Tyr139-Thr257 is expressed.... |
| Molecular Weight | Molecular weight: 13.6 KDa. Apparent molecular weight: 14 KDa, reducing conditions |
| UniProt | P20783 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |

| | |
|-------------------|---|
| Application Notes | <p>Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/µg (0.01 EU/µg) as determined by LAL test. Background: Neurotrophin-3 (NT-3) is a member of the NGF family of neurotrophic factors and is structurally related to beta-NGF, BDNF and NT-4. The NT3 cDNA encodes a 257 amino acid residue precursor protein with a signal peptide and a proprotein that are cleaved to yield the 119 amino acid residue mature NT3. The amino acid sequences of mature human, murine and rat NT-3 are identical. NT-3 selectively promotes the differentiation and survival of specific neuronal subpopulations in both the central as well as the peripheral nervous systems</p> |
|-------------------|---|