

## Product datasheet for AR51974PU-S

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## CNTF (1-200, His-tag) Rat Protein

**Product data:** 

**Product Type: Recombinant Proteins** 

**Description:** CNTF (1-200, His-tag) rat protein, 50 µg

Species:

**Expression Host:** E. coli

**Expression cDNA Clone** 

MGSSHHHHHH SSGLVPRGSH MGSMAFAEQT PLTLHRRDLC SRSIWLARKI RSDLTALMES YVKHQGLNKN INLDSVDGVP VASTDRWSEM TEAERLQENL QAYRTFQGML TKLLEDQRVH or AA Sequence:

FTPTEGDFHQ AIHTLMLQVS AFAYQLEELM VLLEQKIPEN EADGMPATVG DGGLFEKKLW

GLKVLQELSQ WTVRSIHDLR VISSHQMGIS ALESHYGAKD KQM

Tag: His-tag

Predicted MW: 25.2 kDa

**Concentration:** lot specific

>95% by SDS-PAGE **Purity:** 

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol.

**Bioactivity:** Biological: Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The

ED50 for this effect is less or equal to 40 ng/ml.

**Endotoxin:** < 1.0 EU per 1 microgram of protein (determined by LAL method)

**Preparation:** Liquid purified protein

**Protein Description:** Recombint rat CNTF, fused to His-tag at N-terminus, was expressed in E.coli and purified by

using conventiol chromatography techniques.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 037298

Locus ID: 25707 UniProt ID: P20294

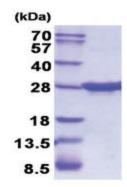




Cytogenetics:

**Summary:** a cytokine involved in neuronal degeneration and adipocyte gene expression [RGD, Feb 2006]

## **Product images:**



1q43

15% SDS-PAGE (3ug)