

## Product datasheet for **AR51974PU-N**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	CNTF (1-200, His-tag) rat protein, 0.25 mg
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAFAEQT PLTLHRRDLC SRSIWLARKI RSDLTALMES YVKHQGLNKN INLDSVDGVP VASTDRWSEM TEAERLQENL QAYRTFQGML TKLLEDQRVH FTPTEGDFHQ AIHTLMLQVS AFAYQLEELM VLLEQKIPEN EADGMPATVG DGGLFEKLLW GLKVLQELSQ WTVRSIHDLR VISSHQMGIS ALESHYGAKD KQM
Tag:	His-tag
Predicted MW:	25.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
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:	Recombinant rat CNTF, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_037298</a>
Locus ID:	25707
UniProt ID:	<a href="#">P20294</a>



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Cytogenetics: 1q43

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

**Product images:**

