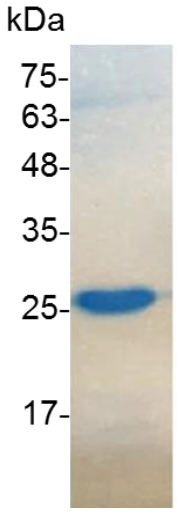
PRODUCT INFORMATION

CNTF (Ciliary neurotrophic factor), Human

v. 231001

Catalog number	C01150-5UG / C01150-20UG / C01150-100UG
Package	5 μg / 20 μg / 100 μg
Description	The ciliary neurotrophic factor is a protein that in humans is encoded by the CNTF gene. It is a hypothalamic neuropeptide that is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. CNTF has also been shown to be expressed by cells on the bone surface and to reduce the activity of bone-forming cells (osteoblasts)
Source	*Escherichia coli*
Sequence	MAFTEHSPLTPHRRDLCSRSIWLARKIRSDLTALTESYVKHQGLNKNINLDSAD GMPVASTDQWSELTEAERLQENLQAYRTFHVLLARLLEDQQVHFTPTEGDFH QAIHTLLLQVAAFAYQIEELMILLEYKIPRNEADGMPINVGDGGLFEKKLWGLKV LQELSQWTVRSIHDLRFISSHQTGIPARGSHYIANNKKM with polyhistidine tag at the Cterminus
Endotoxin level	<0.01 EU per 1 μg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in TF-1 cells. The ED_{50} for this effect is <0.15 μg/mL.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: • -20°C for 12 months in lyophilized state from date of receipt. • -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human CNTF

For research use only.

Croyez Bioscience Co., Ltd. | Tel: +886-2-27065557 | E-mail: info@croyezbio.com
croyezbio.com | 11 F., No. 1-10, Sec. 5, Zhongxiao E. Rd., Xinyi Dist., Taipei City 11071, Taiwan (R.O.C.)