

Product datasheet

Recombinant rat CNTF protein ab208460

1 Image

Description

Product name	Recombinant rat CNTF protein	
Biological activity	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.	
Purity	> 95 % SDS-PAGE. Purified using conventional chromatography techniques.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	P20294	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Rat	
Sequence	MGSSHHHHHHSSGLVPRGSHMGMAFAEQTPLTLHRRD LCSRSIWLARKI RSDLTALMESYVKHQGLNKNINLDSVDGVPVASTDRWSE MTEAERLQENL QAYRTFQGMLTKLLEDQRVHFTPTEGDFHQAIHTLMLQVS AFAYQLEELM VLLEQKIPENEADGMPATVGDGGLFEKKLWGLKVLQELS QWTVRSIHDLR VISSHQMGISALESHYGAKDKQM	
Predicted molecular weight	25 kDa including tags	
Amino acids	1 to 200	
Tags	His tag N-Terminus	
Additional sequence information	NP_037298.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab208460** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Mass Spectrometry

Mass spectrometry	MALDI-TOF
Form	Liquid

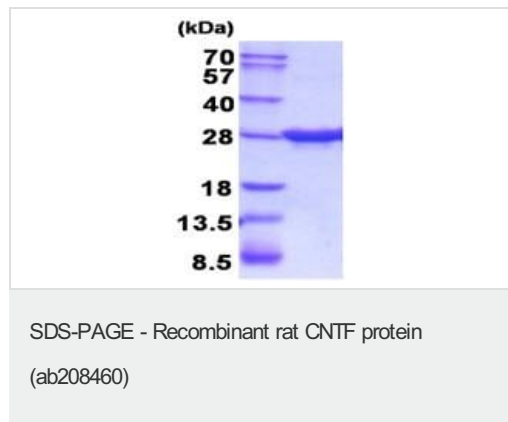
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 10% Glycerol (glycerin, glycerine), 90% PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	CNTF is a survival factor for various neuronal cell types. Seems to prevent the degeneration of motor axons after axotomy.
Tissue specificity	Nervous system.
Sequence similarities	Belongs to the CNTF family.
Cellular localization	Cytoplasm.

Images



15% SDS-PAGE analysis of ab208460 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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