

Recombinant human NGF protein (Animal Free) ab217472

製品の詳細

製品名	Recombinant human NGF protein (Animal Free)
生理活性	Determined by the dose-dependent stimulation of the proliferation of human TF-1 cells. The expected ED ₅₀ is ≤ 1.0 ng/ml, corresponding to a specific activity of ≥ 1 x 10 ⁶ units/mg.
精製度	> 98 % SDS-PAGE. > 98 % by HPLC.
発現系	Escherichia coli
アクセッション番号	P01138
タンパク質長	Protein fragment
Animal free	Yes
由来	Recombinant
生物種	Human
配列	SSSHPIFHRG EFSVCDSVSV WVGDKTTATD IKGKEVMVLG EVNINNSVFK QYFFETKCRD PNPVDSGCRG IDSKHWNSYC TTTHTFVKAL TMDGKQAAWR FIRIDTACVC VLSRKAVR
予測される分子量	13 kDa
領域	122 to 239
配列の追加情報	A non-covalently-linked homodimer of two 13.5 kDa, polypeptide monomers that each contain 120 amino acids and three disulfide bonds.

特性

Our **Abpromise guarantee** covers the use of **ab217472** in the following tested applications.

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

アプリケーション	Functional Studies
	SDS-PAGE
	HPLC
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	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.
	This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	For lot specific reconstitution information please contact our Scientific Support Team.

関連情報

機能	Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI (PubMed:20164177).
関連疾患	Neuropathy, hereditary sensory and autonomic, 5
配列類似性	Belongs to the NGF-beta family.
細胞内局在	Secreted.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors