

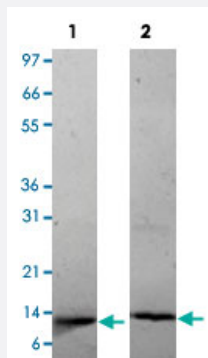
Bioactive

Ngf (Mouse) Recombinant Protein

Catalog # P4591

Size 20 ug

Applications



Lane 1: non-reducing conditions

Lane 2: reducing conditions

Result of activity analysis

Result of activity analysis

Serial dilutions of mouse Ngf, starting at 100 ng/mL, were added to TF-1 cells growing in GM-SCF free media. Cell proliferation was measure after 63 hours and the linear portion of the curve was us used to calculate the ED50.

Specification

Product Description	Mouse Ngf (Q6LDU8) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MSSTHPVFHMGFEFSVCDSVSVWVGDKTTATDIKGKEVTVLAEVNINNSVFRQYFFETKCRASNP VESGCRGIDSKHWNSYCTTTHTFVKALTTDEKQAAWRFIRIDTACVCVLSRKATRRG
Host	Escherichia coli
Theoretical MW (kDa)	13.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug

Activity	The activity is determined by the proliferation of TF-1 cells. The expected ED ₅₀ for this effect is 0.3-0.4 ng/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: non-reducing conditions Lane 2: reducing conditions
Storage Buffer	No additive
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis Serial dilutions of mouse Ngf, starting at 100 ng/mL, were added to TF-1 cells growing in GM-SCF free media. Cell proliferation was measure after 63 hours and the linear portion of the curve was used to calculate the ED50.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Ngf

Entrez GeneID	18049
Protein Accession#	Q6LDU8
Gene Name	Ngf
Gene Alias	Ngfb
Gene Description	nerve growth factor
Gene Ontology	Hyperlink
Gene Summary	beta
Other Designations	nerve growth factor, beta