

[Go to Product page](#)

Datasheet for ABIN1880418 NGFB Protein

Overview

Quantity:	10 µg
Target:	NGFB
Origin:	Mouse
Source:	Mouse
Protein Type:	Native
Biological Activity:	Active

Product Details

Purity:	> 95 % by SDS-PAGE
---------	--------------------

Target Details

Target:	NGFB
Alternative Name:	NGF beta (NGFB Products)
Background:	<p>Nerve growth factor (NGF) is a polypeptide involved in the regulation of growth and differentiation of sympathetic and certain sensory neurons. NGF consists of 3 types of subunits, alpha, beta and gamma, which specifically interact to form a 7S, approximately 130,000-molecular weight complex. It is mainly expressed in Sertoli and interstitial cells. The proforms of NGF are secreted and cleaved extracellularly by the serine protease plasmin and by selective matrix metalloproteinases. NGF is important for the growth, maintenance, and survival of certain target neurons (nerve cells). It also functions as a signaling molecule.</p>
Molecular Weight:	26.5 kDa

Target Details

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [Regulation of Cell Size](#)

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with sterile 18 mΩ/cm ³ H ₂ O.
Buffer:	10 mM Phosphate buffer and 200 mM NaCl (pH 7.0)
Preservative:	Without preservative
Storage:	4 °C