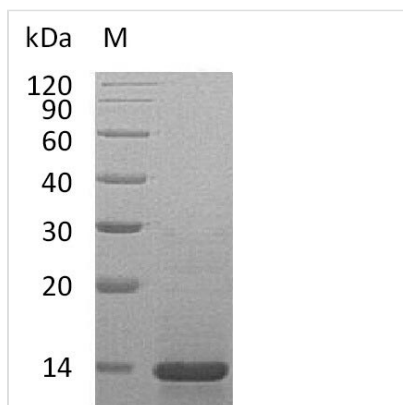




# Recombinant Mouse Beta-nerve growth factor (Ngf) (Active)

<b>Product Code</b>	CSB-AP004101MO
<b>Uniprot No.</b>	P01139
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 $\mu$ m Filtered 20 mM Tris-HCl, 150 mM NaCl, pH 8.0
<b>Product Type</b>	Growth Factor
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Biological Activity</b>	The ED50 as determined in a cell proliferation assay using TF?1 human erythroleukemic cells is less than 2 ng/ml.
<b>Purity</b>	$\geq$ 95% as determined by SDS-PAGE.
<b>Sequence</b>	SSTHPVFHMGFEFSVCDSVSVWVGDKTTATDIKGKEVTVLAEVNINNSVFRQYF FETKCRASNPVESGCRGIDSKHWNSYCTTTHTFVKALTTDEKQAAWRFIRIDT ACVCVLSRKATRRG
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	Ngf
<b>Expression Region</b>	122-241aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	13.5 kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g as determined by LAL method.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.