Recombinant Mouse Ngf Protein (Ser122-Ala241)

Cat. No. Ngf-5426M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Ngf (Ser122-Ala241) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser122-Ala241
Description	Enables transmembrane receptor protein tyrosine kinase activator activity. Involved in positive regulation of DNA binding activity; positive regulation of Ras protein signal transduction; and positive regulation of protein phosphorylation. Acts upstream of or within several processes, including cell surface receptor signaling pathway; positive regulation of cell projection organization; and positive regulation of macromolecule metabolic process. Located in neuron projection terminus. Is expressed in several structures, including alimentary system; genitourinary system; limb; nervous system; and sensory organ. Human ortholog (s) of this gene implicated in several diseases, including IgA glomerulonephritis; end stage renal disease; hereditary sensory and autonomic neuropathy type 5; interstitial cystitis; and neurogenic bladder. Orthologous to human NGF (nerve growth factor).
Form	Lyophilized powder/frozen liquid
Molecular Mass	13.2 kDa
Purity	> 90 % as determined by SDS-PAGE

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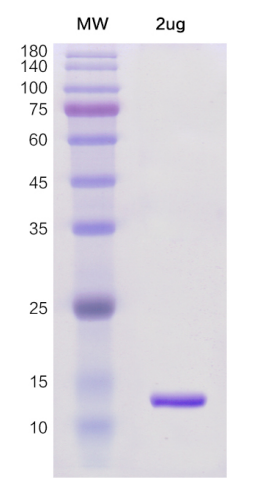
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Ngf nerve growth factor [Mus musculus (house mouse)]
Official Symbol	Ngf
Synonyms	Ngf; nerve growth factor; Ngfb; beta-NGF; beta-nerve growth factor; nerve growth factor, beta
Gene ID	18049
mRNA Refseq	NM_001112698
Protein Refseq	NP_001106168
UniProt ID	P01139

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SDS-PAGE



SDS-PAGE Image

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