Nerve growth factor 2.5S (mouse), (grade II)

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ALX-521-0070	25µg
ALX-521-007-C100	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for 2-3 weeks when stored at room temperature. After reconstitution, stable for up to 1 week when stored at +4°C and for 4-6 weeks at -80°C.
Handling	Do not reuse medium containing mNGF. Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -80°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	NGF 2.5S
Biological Activity	Neurotrophic activity was bioassayed using rat pheochromocytoma cell PC12 cultures over a period of 7-14 days. Activity is in the range of 0.5-50ng/ml. Recommended concentration to be used *in vitro* for maintenance of sympathetic and sensory nerve cultures is 50ng/ml medium.
CAS	93928-24-6
Formulation	Lyophilized.
MW	~26kDa; homodimer.
Purity	≥95% (HPLC)
Quantity	Concentration is estimated spectroscopically from its extinction coefficient and amino acid analysis.
Reconstitution	Dilute in sterile water or DMEM to a concentration of at least 10µg/ml and store at -80°C before use.
Source	Isolated from mouse submaxillary glands by a modification of the procedure described by T. Darling, et al.; Cell Culture Meth. Mol. Cell Biol. **4**, 79 (1984).

UniProt ID P01139

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