Nerve growth factor 7S (mouse)

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ALX-521-008-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, store for up to one week at +4°C and for 4-6 weeks at -80°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -80°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	NGF 7S
Biological Activity	Bioassayed for neurotrophic activity using the rat pheochromocytoma cell PC12 cultures over a period of 7-14 days. Neurotrophic activity is in the range of 0.5-50ng/ml. Recommended concentration to be used *in vitro* for maintenance of sympathetic and immature sensory nerve cells is 50-100ng/ml medium.
Formulation	Lyophilized.
MW	~130kDa.
Purity	≥98% (HPLC)
Quantity	Determined by Lowry and Pierce method.
Reconstitution	Dilute in sterile water or DMEM to a concentration of at least 10µg/ml and store at -80°C before use. Medium containing NGF cannot be reused due to NGF degradation.
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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