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

Citations: 8 View Online »

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ALX-521-0060	10µg

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	Avoid freeze/thaw cycles. After opening, 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 2.5S
Biological Activity	mNGF 2.5S was bioassayed for neurotrophic activity using the rat pheochromocytoma cell PC12 cultures over a period of 7 – 14 days. The neurotrophic activity is in the range of 0.5-50ng/ml. The 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	≥98% (HPLC)
Quantity	mNGF 2.5S concentration is estimated spectroscopically from its extinction coefficient and amino acid analysis.
Reconstitution	Reconstitute in sterile water or DMEM at a concentration of at least 10µg/ml and store at -80°C before use. Medium with mNGF cannot be reused due to mNGF 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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