



Recombinant Human Artemin

Datasheet

Catalog Number: PR27091

Product Type: Recombinant Protein

Source: *E.coli*

Description/Molecular Mass: Artemin Human Recombinant produced in E.Coli is a disulfide-linked homodimer, non-glycosylated, polypeptide chain containing 2 x 113 amino acids and having a total molecular mass of 24205 Dalton. Artemin is purified by proprietary chromatographic techniques.

Amino Acid Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Gly-Gly-Pro-Gly.

Biological Activity: The Biological activity is calculated by it's ability to promote survival and neurite outgrowth and dorsal root ganglion neurons.

Purity: Greater than 98.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Format: Artemin was lyophilized after extensive dialysis against 10mM sodium citrate pH-4.5 and 150mM sodium chloride.

Reconstitution: It is recommended to reconstitute the lyophilized Artemin in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized Artemin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Artemin Human Recombinant should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Please prevent freeze-thaw cycles.

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