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## 32-12009: Human Artemin

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|---|---|
| **Gene :** | ARTN |
| **Gene ID :** | 9048 |
| **Uniprot ID :** | Q5T4W7 |
| **Alternative Name :** | ARTN, enovin, neublastinÂ Â |

## Description

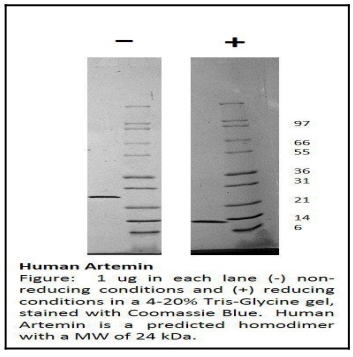
**Source:** Genetically modified E.coli.
**Predicted MW:** Dimer, 12.0/23.9 kDa (113/226 aa)
Artemin is a neurotrophin member of the glial cell line-derived neurotrophic factor (GDNF) ligand family. Artemin is highly expressed in the adult pituitary gland, placenta, and trachea, and shows low level expression in the brain, spinal cord, and peripheral tissues. Artemin signals through the RET receptor and GDNF family receptor alpha 3 (GFRalpha3) co-receptor complex to support neuronal survival.

## Product Info

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| **Amount :** | 20 µg / 100 µg |
| **Purification :** | Reducing and Non-Reducing SDS PAGE at >= 95% |
| **Content :** | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium citrate, 25 mM sodium chloride, pH 4.5<br>Sterile water at 0.1 mg/mL |
| **Storage condition :** | Store at -20°C |
| **Amino Acid :** | AGGPGSRARA AGARGCRLRS QLVPVRALGL GHRSDELVRF RFCSGSCRRA RSPHDLSLAS LLGAGALRPP PGSRPVSQPC CRPTRYEAVS FMDVNSTWRT VDRLSATACG CLG |

## Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



**Human Artemin**
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human Artemin is a predicted homodimer with a MW of 24 kDa.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***