

Human Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF)

Species: human Validated Application: Elisa, Western blot, Dot blot Protein Form: 25-182aa Recombinant Form: Lyophilized Powder \geq 95% by SDS-PAGE Purity: Gene ID: 7873 Expressed Host: Ecoli BL21(DE3) Gene Aliases: ARMET, ARP Product Size: 100µg/tube Purification: Ni-NTA Affinity Tag Position: N-Terminal **Purity:** > 90 % as determined by SDS-PAGE Bio-Activity: The activity has not been tested Molecular Weight: 20.9kDa **Protein Tag or Fusion:** His Tag Stability: Samples are stable for up to twelve months from date of receipt at -70 $\,^\circ \mathbb{C}$ Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5 % trehalose and mannitol are added as protectants before lyophilization. **Regulatory Statement:** For Research Use Only. Not for use in diagnostic procedures. **Usage Guide** Storage:

Store it under sterile conditions at -20 $^\circ\!\mathrm{C}$ to -80 $^\circ\!\mathrm{C}$ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.