Recombinant Murine Endocrine Gland-derived Vascular Endothelial Growth Factor

#R00270

Size: 5 μg/100 μg/500 μg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

AVITGACERDIQCGAGTCCAISLWLRGLRLCTPLGRE GEECHPGSHKIPFLRKRQHHTCPCSPSLLCSRFPDG RYRCFRDLKNANF

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Species	Murine
Source	Escherichia coli.
Molecular Weight	Approximately 9.6 kDa, a single non-glycosylated polypeptide chain containing 86 amino acids.
Purity	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED_{50} as Measured in a cell proliferation assay using EJG bovine adrenal-derived endothelial cells.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH7.4, with 3 % Trehalose.
Endotoxin	Less than 0.1 EU/μg of rMuEG-VEGF as determined by LAL method.