

## Endocrine Gland Vascular Endothelial Growth Factor Mouse Recombi-

<b>Item Number</b>	rAP-2512
<b>Synonyms</b>	PK1, Prokineticin 1, EG-VEGF, Prok1, Endocrine-gland-derived vascular endothelial growth factor.
<b>Description</b>	EG-VEGF Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids and having a molecular mass of 9.6kDa.
<b>Uniprot Accesion Number</b>	Q14A28
<b>Amino Acid Sequence</b>	AVITGACERD IQCGAGTCCA ISLWLRLGLRL CTPLGREGECHPGSHKIPF LRKRQHHTCP CSPSLLCSRF PDGRYRCFRD LKNANF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized EG-VEGF Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EG-VEGF should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Lyophilized from a 0.2μm filtered concentrated solution in PBS pH7.4 and 3% Trehalose. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Endocrine Gland Vascular Endothelial Growth Factor in sterile 18MΩ-cm H2O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**