

Endocrine Gland Vascular Endothelial Growth Factor Mouse Recombi-

Item Number	rAP-2512
Synonyms	PK1, Prokineticin 1, EG-VEGF, Prok1, Endocrine-gland-derived vascular endothelial growth factor.
Description	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.
Uniprot Accession Number	Q14A28
Amino Acid Sequence	AVITGACERD IQCGAGTCCA ISLWLRGLRL CTPLGREGEE CHPGSHKIPF LRKRQHHTCP CSPSLLCSRF PDGRYRCFRD LKNANF.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	It is recommended to reconstitute the lyophilized Endocrine Gland Vascular Endothelial Growth Factor in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	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 ender users! This product is sold for **Research Use Only**