


Mouse VEGF120 Protein

Cat #: PRP1134

Size: 10 µg/50 µg/500 µg

Product Information

	Product Name: Mouse VEGF120 Protein		
REF	Catalog Number: PRP1134	LOT	Lot Number: Refer to product label
	Purity: > 96% as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E. coli
	Shipping: The product is shipped at ambient temperature.		

Background: Vascular endothelial growth factor (VEGF), also known as vascular permeability factor (VPF) and VEGF-A, is a potent mediator of both angiogenesis and vasculogenesis in the fetus and adult. It is a member of the platelet-derived growth factor (PDGF)/vascular endothelial growth factor (VEGF) family and often exists as a disulfide-linked homodimer. VEGF-A protein is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, inhibiting apoptosis and tumor growth. VEGF-A protein is also a vasodilator that increases microvascular permeability, thus it was originally referred to as vascular permeability factor.

Sequence: Amino acid sequence derived from Mouse VEGF120(Ala27-Arg146)(Gene ID:22339) was expressed.

Protein length: The recombinant Mouse VEGF120 consists of 121 amino acids and predicts a molecular mass of 14.2 kDa.

Biological Activity: Testing in progress.

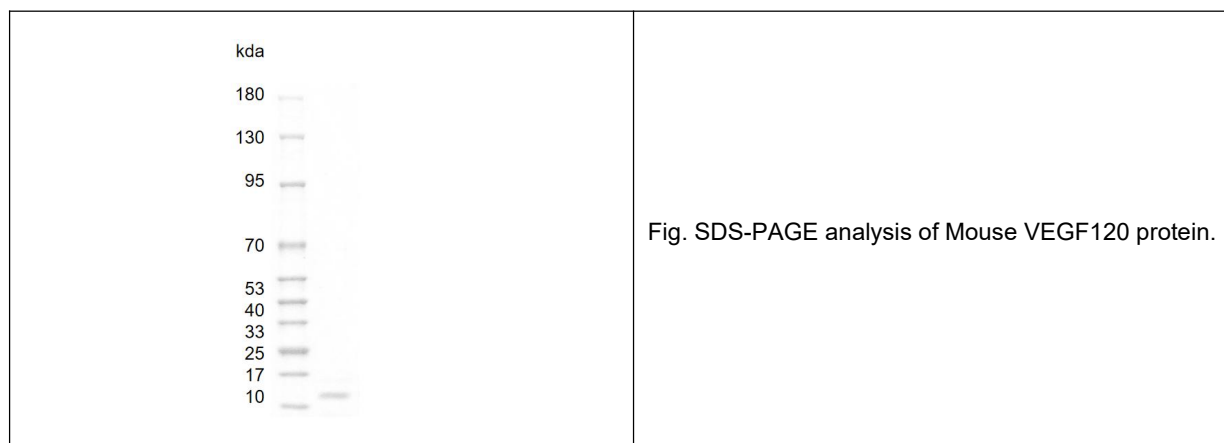
Endotoxin: < 1 EU per µg of the protein as determined by the LAL method.

Formulation: Lyophilized from 20mM Tris, 150mM NaCl, pH 8.0.

Storage Instructions: Lyophilized recombinant Mouse VEGF120 protein product should be stored desiccated below -20°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant Mouse VEGF120 protein using the buffer we provided not less than 100µg/ml, which can then be further diluted to other aqueous

solutions.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.