

Product Information

Recombinant Rat Vegfa, None tagged

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Catalog#	MK0784R
Product Name	Recombinant Rat Vegfa, None tagged
Product Overview	Recombinant Rat Vegfa (AAA41211.1) 164 isoform (Met 1-Arg 190), fused with no tag, was produced in Baculovirus-Insect cells.
Description	Vegfa was recently identified as a secreted, direct-acting mitogen specific for vascular endothelial cells and capable of stimulating angiogenesis in vivo. Vegfa is a multifunctional cytokine that contributes to angiogenesis by both direct and indirect mechanisms. Vegfa stimulates the ECs lining nearby microvessels to proliferate, migrate, and to alter their pattern of gene expression.
Source	Baculovirus-Insect cells
Species	Rat
Tag	N/A
Formulation	Lyophilized from 0.2µm filtered solution of 100mM Glycine, 10mM NaCl, pH 7.0
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The secreted recombinant rat VEGF164 consists of 164 amino acids and has a predicted molecular mass of 19.2 kDa. The apparent molecular mass of the rat VEGF164 is approximately 25 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.