

Bioactive

# Vegfa (Rat) Recombinant Protein

Catalog # P9318

Size 100 ug

## Specification

<b>Product Description</b>	Rat Vegfa recombinant protein expressed in <i>Saccharomyces cerevisiae</i> .
<b>Sequence</b>	MAPTTEGEQKAHEVVKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCAGCCNDEAL ECVPTSESNTMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEKHCEPCSERRKHLFVQ DPQTCKCSCKNTDSRCKARQLELNERTCRCDKPRR
<b>Host</b>	Yeast
<b>Theoretical MW (kDa)</b>	25.7
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	yeast expression system
<b>Purification</b>	chromatographic
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Activity</b>	ED <sub>50</sub> is 0.75-3.75 ng/mL, measured in a cell proliferation assay using HUVEC cells.
<b>Storage Buffer</b>	Lyophilized from 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 100 ug/mL.
<b>Storage Instruction</b>	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C for long term storage. Avoid repeated freeze/thaw cycles.

## Applications

- Functional Study

## Gene Info — Vegfa

Entrez GeneID	<a href="#">83785</a>
Protein Accession#	<a href="#">P16612</a>
Gene Name	Vegfa
Gene Alias	VEGF164, Vegf
Gene Description	vascular endothelial growth factor A
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-