

Bioactive

## Vegfa (Mouse) Recombinant Protein

Catalog # P9315      Size 100 ug

### Specification

Product Description	Mouse Vegfa recombinant protein expressed in <i>Saccharomyces cerevisiae</i> .
Sequence	MAPTTEGEQKSHEVIKFMDDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCAGCCNDEAL ECVPTSESNITMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEKCDKPRR
Host	Yeast
Theoretical MW (kDa)	20.7
Form	Lyophilized
Preparation Method	yeast expression system
Purification	chromatographic
Purity	> 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	The activity is 1.0-4.0 ng/mL, determined by a cell proliferation assay using HUVEC cells.
Storage Buffer	Lyophilized from 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 100 ug/mL.
Storage Instruction	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 [22339](#)

Protein Accession#	<a href="#">Q00731</a>
Gene Name	Vegfa
Gene Alias	Vegf, Vegf-a, Vegf120, Vegf164, Vegf188, Vpf
Gene Description	vascular endothelial growth factor A
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	OTTMUSP00000017463 OTTMUSP00000017464 OTTMUSP00000022243 vascular permeability factor