

Bioactive

Vegfa (Rat) Recombinant Protein

Catalog # P4853

Size 10 ug

Applications

Result of activity analysis

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Serial dilutions of rat Vegfa, starting at 250 ng/mL, were added to HUVECs. After 87 hours, cell proliferation was measured and the linear portion of the curve was used to calculate the ED50.

Specification

Product Description	Rat Vegfa recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MAPTTEGEQKAHEVVKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCAGCCNDEAL ECVPTSESNVTMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEKHCEPCSEERRKHLFVQ DPQTCKCSCKNTDSRCKARQLELNERTCRCDKPRR
Host	Escherichia coli
Theoretical MW (kDa)	38.8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent induced proliferation of HUVECs. The expected E _{D50} for this effect is 5.9-8.9 ng/mL.
Storage Buffer	Lyophilized from 10 mM NaP, pH 7.5
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

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Applications

- Functional Study
- SDS-PAGE

Gene Info — Vegfa

Entrez GeneID [83785](#)

Protein Accession# [AAL07526.1](#)

Gene Name Vegfa

Gene Alias VEGF164, Vegf

Gene Description vascular endothelial growth factor A

Gene Ontology [Hyperlink](#)

Other Designations -