Bioactive

Vegfa (Mouse) Recombinant Protein

Catalog # P9310 Size 2 x 10 ug

Specification

Product Description	Mouse Vegfa recombinant protein expressed in *Escherichia coli*.
Sequence	MAPTTEGEQKSHEVIKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCAGCCNDEAL ECVPTSESNITMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEKHCEPCSERRKHLFVQD PQTCKCSCKNTDSRCKARQLELNERTCRCDKPRR
Host	Escherichia coli
Theoretical MW (kDa)	38.8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	The biological activity is 5.0 ng/mL, determined by the dose-dependent stimulation of the proliferation of HUVEC cells, corresponding to a specific activity of 2.0 x 10^5 IU/mg.
Storage Buffer	Lyophilized from 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH_2O 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 it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Vegfa

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Entrez GeneID	22339
Protein Accession#	Q00731
Gene Name	Vegfa
Gene Alias	Vegf, Vegf-a, Vegf120, Vegf164, Vegf188, Vpf
Gene Description	vascular endothelial growth factor A
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000017463|OTTMUSP00000017464|OTTMUSP00000022243|vascular permeability factor

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