Bioactive

VEGFA (Equine) Recombinant Protein

Catalog # P9320 Size 50 ug

Specification

Product Description	Equine Vegfa recombinant protein expressed in?*Escherichia coli*.
Sequence	MAPMAEGEHKTHEVVKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCGGCCNDEG LECVPTAEFNITMQIMRIKPHQSQHIGEMSFLQHSKCECRPKKDKARQENPCGPCSERRKHLFVQ DPQTCKCSCKNTDSRCKARQLELNERTCRCDKPRR
Host	Escherichia coli
Theoretical MW (kDa)	38.6
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% as determined by SDS-PAGE.
Activity	ED_{50} < 10 ng/mL,determined by HUVEC cells Proliferation, corresponding to a specific activity of 1 x 10^5 IU/mg.
Storage Buffer	Lyophilized from a solution containing 10 mM Sodium Phosphate, pH 7.5. Reconstitute the lyophilized powder in ddH_2O to 0.1 mg/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 — LOC100033839

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Entrez GeneID	100033839
Protein Accession#	Q9GKR0
Gene Name	LOC100033839
Gene Alias	-
Gene Description	vascular endothelial growth factor 164
Gene Ontology	Hyperlink
Other Designations	-

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