Bioactive

Vegfa (Mouse) Recombinant Protein

Catalog # P7528 Size 10 ug

Specification

Product Description	Mouse Vegfa (Q00731-2, 27 a.a. - 190 a.a.) partial recombinant protein expressed with an N-terminal Met in *Escherichia coli*.
Sequence	APTTEGEQKSHEVIKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCAGCCNDEALE CVPTSESNITMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPENHCEPCSERRKHLFVQDP QTCKCSCKNTDSRCKARQLELNERTCRCDKPRR
Host	Escherichia coli
Theoretical MW (kDa)	19.4
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 98% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Activity	The ED_{50} was determined by a cell proliferation assay using HUVEC cells is < 5.0 ng/mL, corresponding to a specific activity of > 2.0×10^5 units/mg.
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — Vegfa

Entrez GeneID	22339
Protein Accession#	Q00731-2
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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