

Bioactive

VEGFA (Mouse) Recombinant Protein

Catalog # P7146

Size 1 mg

Applications

Result of bioactivity analysis

Result of bioactivity analysis

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Specification

Product Description	Mouse VGFA (Q00731-2, 27 a.a. - 190 a.a.) partial recombinant protein expressed in <i>Pichia pastoris</i> .
Sequence	APTTEGEQKSHEVIKFMVDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCAGCCNDEALE CVPTSESNITMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEKKSVRGKGKGQKRKRKK SRFKSWSVHCEPCSEERRKHLFVQDPQTCKCCKN
Host	Yeast
Theoretical MW (kDa)	39
Form	Lyophilized
Preparation Method	<i>Pichia pastoris</i> expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by gel clotting method)
Activity	The ED ₅₀ was determined by the dose-dependent stimulation of proliferation of HUVEC cells is < 6.0 ng/ml, corresponding to a specific activity of > 1.7 x 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.

Note

Result of bioactivity analysis
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Applications

- Functional Study
- SDS-PAGE

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