

## Datasheet for ABIN935890 **VEGFC Protein**



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### Overview

Quantity:	5 µg
Target:	VEGFC
Origin:	Rat
Source:	Insect cells (Sf9)
Protein Type:	Recombinant

### Product Details

Characteristics:	Purified recombinant Rat VEGFC protein Expression System: Sf-9 insect cells
Purity:	> 90 % pure
Endotoxin Level:	< 0.1 ng per µg of VEGF-C

### Target Details

Target:	VEGFC
Alternative Name:	VEGFC ( <a href="#">VEGFC Products</a> )
Background:	VEGF-C, also known as Vascular Endothelial Growth Factor Related Protein (VRP), is a recently discovered VEGF growth factor family member that is most closely related to VEGF-D. The rat VEGF-C cDNA encodes a pre-pro-protein of 416 amino acids residues. It is almost identical to the mouse VEGF-C protein. Similar to VEGF-D, VEGF-C has a VEGF homology domain spanning the middle third of the precursor molecule and long N- and C-terminal extensions. In adults, VEGF-C is highly expressed in heart, placenta, ovary and small intestine. Recombinant rat VEGF-C, lacking the N- and C-terminal extensions and containing only the middle VEGF homology

## Target Details

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domain, forms primarily non-covalently linked dimers.

Alternative Names: Rat VEGF-C protein, Vascular Endothelial Growth Factor C protein

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Molecular Weight: 18-24 kDa

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Pathways: [RTK Signaling](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

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## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Reconstitute in PBS or water to a concentration not lower than 50 µg/mL.

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Buffer: Lyophilized with BSA stabilizer.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: -20 °C/-80 °C

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Storage Comment: Store at -70 °C until reconstitution. Following reconstitution product should be aliquoted and frozen at -20 °C.

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