

Datasheet for ABIN2746014
VEGFC Protein (His tag)



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Overview

Quantity:	5 µg
Target:	VEGFC
Origin:	Rat
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGFC protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	VEGF-C (rat) (rec.) (His)
Cross-Reactivity:	Rat
Characteristics:	Rat VEGF-C (127aa) is fused at the C-terminus to a His-tag.
Purity:	>90 % (SDS-PAGE)

Target Details

Target:	VEGFC
Alternative Name:	VEGF-C (VEGFC Products)
Background:	<p>Vascular Endothelial Growth Factor C, VRP, Flt4-L</p> <p>VEGF-C forms primarily non-covalently linked dimers. In adults, VEGF-C is highly expressed in heart, placenta, ovary and small intestine. It binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors. It is a growth factor active in angiogenesis and endothelial cell</p>

Target Details

growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. It is involved in the regulation of the growth and/or differentiation of lymphatic endothelium. It is also a mitogen for vascular endothelial cells.

Molecular Weight: ~15-20kDa

UniProt: [O35757](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Soluble in water and most aqueous buffers. Reconstitute with PBS or medium to a concentration not lower than 50 µg/mL.

Handling Advice: After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months