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Datasheet for ABIN2746014

VEGFC Protein (His tag)



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

Cross-Reactivity:	Rat (Rattus)
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:	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
	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

Target Details

	endothelium. It is also a mitogen for vascular endothelial cells.
Molecular Weight:	~15-20kDa
UniProt:	035757
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 $\mu g/mL$.
Concentration:	Lot specific
Buffer:	Lyophilized.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months