

Product Datasheet

VEGF C protein orb429181

Description	Recombinant of VEGF C protein
Conjugation	Unconjugated
Target	VEGF C
Form/Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder. Each mg of VEGF-C Rat contains 50mg BSA and PBS as buffer.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Note	For research use only.
Protein Sequence	DTVKLAAAHYNTEILKSIDNEWKTKQCMPREVCIDVGKEFGAATNTFFKP PCVSVYRCGGCCNSEGLQCMNTSTGYLSKTLFEITVPLSQGPKPVTISFA NHTSCRCMSKLDVYRQVHSIIHHHHHH.
Purity	>90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Source	Sf9, Insect Cells.
Activity	Measured by its ability to stimulate phosphorylation of the VEGFR-3/FLT-4 receptor in porcine aortic endothelial cells. The ED50 for this effect is typically 200-300ng/ml corresponding to a Specific Activity of 3,334-5,000IU/mg.
Solubility (25°C)	It is recommended to reconstitute the lyophilized Vascular Endothelial Growth Factor C in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.