

Recombinant Human VEGF-C

CATALOG #:	4633-10	10 µg
	4633-50	50 µg
	4633-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>90% by SDS-PAGE analyses Endotoxin level is <0.1 ng per µg of VEGF-C	
MOL. WEIGHT:	15-16 kDa (18.772 kDa with His-tags)	
FORM:	Lyophilized without additives	

RECONSTITUTION:

We recommend a quick spin followed by reconstitution in 0.1% acetic acid to a concentration of 0.1-1.0 mg/ml. The solution should be stored at -70°C.

STORAGE CONDITIONS:

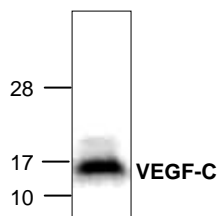
The lyophilized VEGF-C is best-stored at -20°C. Reconstituted VEGF-C should be stored in working aliquots at -70°C.

DESCRIPTION:

The recombinant VEGF-C (Vascular Endothelial Growth Factor-C) lacks the N-terminal signal peptide and includes amino acids from T103 to R227 of Gene Bank U58111. This recombinant protein contains N-terminal and C-terminal His-tags (167 aa, MW 18.772 kDa). Human VEGF-C exhibits about 85% homology with murine VEGF-C.

ACTIVITY:

Activity of VEGF-C is tested by the stimulation of VEGF-R3 phosphorylation in cells transfected with VEGF-R3. The expected ED₅₀ is ≥ 200 ng/ml.



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Purity of recombinant human VEGF-C (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

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