

Recombinant Murine VEGF-C

CATALOG #:	4634-10	10 µg
	4634-50	50 µg
	4634-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>90% by SDS-PAGE analyses Endotoxin level is <0.1 ng per g of VEGF-C	
MOL. WEIGHT:	18 kDa	
FORMULATION:	Lyophilized from acetic solution with 50 µg BSA per 1 µg VEGF-C.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute 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:

VEGF-C (Vascular Endothelial Growth Factor-C) is a 129 amino acid recombinant protein that lacks the N-terminal and C-terminal extensions and contains only the middle third VEGF homology domain. Murine VEGF-C exhibits about 85% homology with human and 97% homology with rat VEGF-C.

ACTIVITY:

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

For Research Use Only! Not to be used in humans.

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