

Recombinant Rat VEGF

CATALOG #:	4365-10	10 µg
	4365-50	50 µg
	4365-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE analyses Endotoxin level is <0.1 ng per µg of VEGF	
MOL. WEIGHT:	38.4 kDa	
FORMULATION:	Sterile filtered and lyophilized with no additives	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or – 20°C for future use.

STORAGE CONDITIONS:

The lyophilized VEGF is best-stored desiccated below 0°C. Reconstituted VEGF should be stored in working aliquots at -20°C.

DESCRIPTION:

Recombinant rat VEGF (Vascular Endothelial Growth Factor) is a double, non-glycosylated, polypeptide containing 164 amino acids and having a molecular mass of 38.4 kDa.

BIOLOGICAL ACTIVITY:

Determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 10-100 ng/ml.

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