Datasheet for ABIN6700853

VEGF121 Protein

1 Image

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Overview

Quantity:	10 µg
Target:	VEGF121
Origin:	Human
Source:	Escherichia coli (E. coli)

Product Details

Cross-Reactivity:	Human
Characteristics:	Vascular endothelial growth factor A-121, VEGF-A121 cytokine, Vascular permeability factor, VPF-121
Purification:	Purity was determined to be greater than 95% as determined by analysis by RP-HPLC, and by reducing and non-reducing SDS-PAGE, against known standard.
Endotoxin Level:	Low endotoxin

Target Details

Target:	VEGF121
Alternative Name:	VEGF-121 (VEGF121 Products)

Application Details

Application Notes:	Application Note: VEGF-121 is suitable as a control for polyclonal or monoclonal anti-VEGF-121 in immunological assays. Other Performance Data: Biological Activity: The biological activity is determined by the dose-

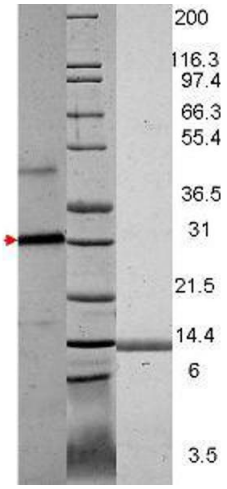
Application Details

	dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 5 ng/mL or 2.0 x 10^5 units/mg. Endotoxin Level: Measured by LAL is <1 EU/µg.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 10 µL (10-100 µL) Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	0.1 mg/mL
Buffer:	Buffer: 0.1 % Trifluoroacetic acid
Preservative:	Without preservative
Storage:	RT,4 °C,-20 °C
Expiry Date:	6 months

Images



SDS-PAGE

Image 1. VEGF Human Recombinant Protein - SDS-PAGE. SDS-PAGE shows band corresponding to VEGF (1µg) in lane 1 (unreduced, arrowhead) and lane 3 (reduced). Molecular weight estimation was made by comparison to prestained MW markers, lane 2.