9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-1845: VEGF D Recombinant Protein

Alternative Name : c-fos induced growth factor (vascular endothelial growth factor D),FIGF,VEGFD.

Description

Source : HEK293. VEGFD Human Recombinant produced in HEK-293 cells is a secreted protein (amino acids Phe93-Ser201) fused to a polyhistidine tag at the C-terminus. VEGF-D belongs to the VEGF/PDGF family of proteins. VEGF-D promotes lymphangiogesis, endothelial cell growth, and regulates vascular permeability. In addition, VEGF-D has an important part in the creation of the venous and lymphatic vascular systems and in the growth and maintenance of differentiated lymphatic endothelium Mature VEGF-D forms a noncovalently linked homodimer, and binds to and activate both VEGFR-2 (flk1) and VEGFR-3 (flt4).

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The recombinant VEGF-D was lyophilized after extensive dialysis against PBS.
Storage condition :	Lyophilized VEGF-D although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution VEGF-D should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the Vascular Endothelial Growth Factor D in sterile 18M-cm H2O not less than 100 ÃÂµg/ml, which can then be further diluted to other aqueous solutions. The ED50 of 3-4ng/ml is measured by its ability to stimulate the proliferation of human microvascular endothelial cells (HMVECs).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.