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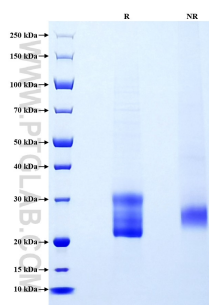
Recombinant Human VEGFD protein (Myc Tag, His Tag)



Catalog Number: Eg0184

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: Myc Tag, His Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human VEGFD protein Phe93-Ser201 (Accession# O43915) with a Myc tag and a His tag at the C-terminus.</p> <p>GenelD: 2277</p> <p>Accession: O43915</p> <p>Predicted Molecular Mass: 17.2 kDa</p> <p>SDS-PAGE: 21-31 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>Vascular endothelial growth factor-D (VEGFD) is a secreted glycoprotein that can activate VEGF receptors on the endothelium, is a mitogen for endothelial cells and promotes the growth and remodeling of blood vessels and lymphatic vessels. VEGFD undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. VEGFD has been established to be over-expressed in both tumor tissues and patients' serum samples in several types of human cancer.</p>		
References	<ol style="list-style-type: none">1. SA Stacker. et al. (2001) Nat Med. 7(2):186-91.2. M G Achen. et al. (1998) Proc Natl Acad Sci U S A. 20;95(2):548-53.3. Natalia Davydova. et al. (2016) J Biol Chem. 291(53):27265-27278.4. Y Yamada. et al. (1997) Genomics. 42(3):483-8.		
Synonyms	FIGF, VEGFD, VEGF-D, c-Fos-induced growth factor, Vascular endothelial growth factor D		

Selected Validation Data



Purity of Recombinant Human VEGFD was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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