

**VEGF-D, human recombinant protein**  
**Vascular Endothelial Growth Factor-D, FIGF**  
**Catalog # PBV10341r****Specification**

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**VEGF-D, human recombinant protein - Product info**Primary Accession [O43915](#)**VEGF-D, human recombinant protein - Additional Info**

Gene ID	<b>2277</b>
Gene Symbol	<b>FIGF</b>
<b>Other Names</b>	
Vascular Endothelial Growth Factor-D, FIGF, c-Fos-induced growth factor	
Gene Source	<b>Human</b>
Source	<b>E. coli</b>
Assay&Purity	<b>SDS-PAGE; ≥98%</b>
Assay2&Purity2	<b>HPLC;</b>
Recombinant	<b>Yes</b>
<b>Target/Specificity</b>	
VEGF-D	

**Application Notes**Reconstitute in dH<sub>2</sub>O to a concentration of 0.1-1.0 mg/ml. The solution should be stored at -70°C.**Format**

Lyophilized protein

**Storage**

-20°C; Lyophilized without additives

**VEGF-D, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**VEGF-D, human recombinant protein - Images****VEGF-D, human recombinant protein - Background**

VEGF-D is most closely related to VEGF-C by virtue of the presence of N- and C-terminal extensions that are not found in other VEGF family members. In adult human tissues, VEGF-D mRNA is most abundant in heart, lung, skeletal muscle, colon, and small intestine. Analyses of VEGF-D receptor specificity revealed that VEGF-D is a ligand for both VEGF receptors (VEGFRs) VEGFR-2 (Flk1) and VEGFR-3 (Flt4) and can activate these receptors. However, VEGF-D does not bind to VEGFR-1. Expression of a truncated derivative of VEGF-D demonstrated that the receptor-binding capacities reside in the portion of the molecule that is most closely related in primary structure to other VEGF family members and that corresponds to the mature form of VEGF-C. In addition, VEGF-D is a mitogen for endothelial cells. Recombinant VEGF-D was expressed based on sequence from Genebank Accession# D89630, 20-354 aa.

#### **VEGF-D, human recombinant protein - References**

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Ota T.,et al.Nat. Genet. 36:40-45(2004).  
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