

Product datasheet for **TP726810**

VEGFD Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human VEGF-D/FIGF (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Phe93-Ser201
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Vascular Endothelial Growth Factor D is produced by our Mammalian expression system and the target gene encoding Phe93-Ser201 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	2277
UniProt ID:	O43915
Synonyms:	Vascular Endothelial Growth Factor D; VEGF-D; c-Fos-Induced Growth Factor; FIGF; VEGFD
Summary:	Vascular endothelial growth factor D (VEGF-D) is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. It is highly expressed in lung, heart, small intestine and fetal lung, and at lower levels in skeletal muscle, colon, and pancreas. VEGF-D is growth factor active in angiogenesis, lymphangiogenesis and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. It may function in the formation of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. It undergoes a complex proteolytic maturation, generating multiple processed forms that bind and activate VEGFR-2 and VEGFR-3 receptors.
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Bladder cancer, Cytokine-cytokine receptor interaction, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma



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