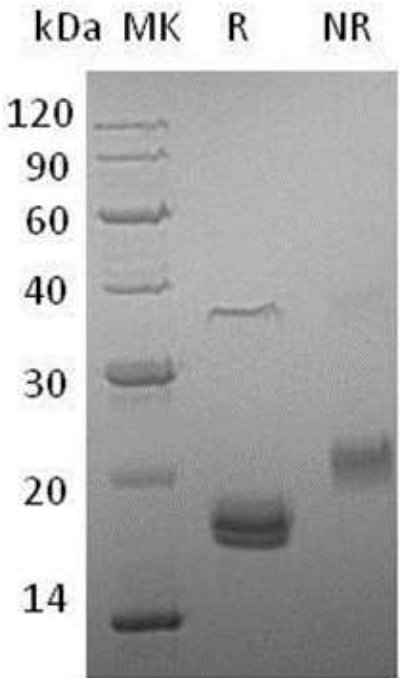
Recombinant Human VEGF-D

Catalog No: C498

Description	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.
Source	Human Cells
Alternative name	Vascular Endothelial Growth Factor D; VEGF-D; c-Fos-Induced Growth Factor; FIGF; VEGFD
Accession No.	O43915
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Quality Control	Purity Greater than 95% as determined by reducing SDS-PAGE. Endotoxin Less than 0.1 ng/μg (1 EU/μg)
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
Background	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.

SDS-PAGE



MK: Marker

R: Sample under reducing conditions

NR: Sample under non-reducing conditions