

VEGFR1

Recombinant Human Vascular Endothelial Growth Factor Receptor 1 D1-3

Catalog No.	CRF101A	Quantity:	5 µg
	CRF101B		20 µg
	CRF101C		1 mg

Alternate Names: Fms-related Tyrosine Kinase 1, FLT1, FLT

Gene ID: 2321

Protein Accession No: P17948

Description: Recombinant human VEGFR1 domain D1-3 is produced as a non-chimeric protein in a monomeric form. The soluble receptor protein contains only the first 3 extracellular domains, which contain all of the information necessary for binding of VEGF. The receptor monomers contain 352 amino acid residues.

Source: Insect cells

Molecular Weight: ~ 45 kDa

Formulation: Lyophilized without additives

Purity: > 90% as determined by SDS-PAGE and visualized by Silver Stain

Endotoxin Level: < 0.1 ng/µg of VEGFR1 D1-3

Biological Activity: Determined by its ability to abolish the binding of iodinated VEGF to solid surfaces or cell surface receptors, and in Far-Western and cross-linking experiments with iodinated VEGF. The usable range is 1.0-25.0 ng/ml.

Reconstitution: **Centrifuge vial prior to opening.** Soluble in water and most aqueous buffers. Add sterile distilled water to the vial to fully solubilize the protein to a concentration of 100 ng/ml.

Storage & Stability: Stable for 2 days at 2-4°C or for 6 months in working aliquots at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

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