

VEGFR1

Recombinant Human Vascular Endothelial Growth Factor Receptor 1 D1-4

Catalog No. CRF111A **Quantity**: 5 μg

CRF111B 20 µg CRF111C 1 mg

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

Gene ID: 2321

Protein Accession No: P17948

Description: Recombinant human soluble VEGFR1 domain D1-4 is produced as a non-chimeric

protein in monomeric form. The soluble receptor protein contains only the first 4 extracellular domains, which contain all the information necessary for binding of VEGF.

The receptor monomers contain 457 amino acid residues.

Source: Insect cells

Molecular Weight: 55 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

Biological Activity: Determined by its ability to abolish the binding of iodinated VEGF to solid surfaces or cell

surfaces, and in Far-Western and cross-linking experiments with iodinated VEGF. The

usable range is 1-25 ng/ml.

Specific Activity: 1 x 10⁵ units/mg

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

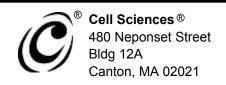
ng/ml.

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

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repeated freeze-thaw cycles.

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