

## VEGFR1

### Recombinant Human Vascular Endothelial Growth Factor Receptor 1 D1-4

<b>Catalog No.</b>	CRF111A CRF111B CRF111C	<b>Quantity:</b>	5 µg 20 µg 1 mg
<b>Alternate Names:</b>	Fms-related Tyrosine Kinase 1, FLT1, FLT		
<b>Gene ID:</b>	2321		
<b>Protein Accession No:</b>	P17948		
<b>Description:</b>	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.		
<b>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	55 kDa		
<b>Formulation:</b>	Lyophilized without additives		
<b>Purity:</b>	> 90% as determined by SDS-PAGE and visualized by silver stain		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of VEGFR1		
<b>Biological Activity:</b>	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.		
<b>Specific Activity:</b>	1 x 10 <sup>5</sup> units/mg		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> 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.		
<b>Storage &amp; Stability:</b>	Stable for 2 days at 2-4°C or for 6 months in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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