

VEGFR1

Recombinant Human Vascular Endothelial Growth Factor Receptor 1 D1-5

Catalog No.	CRF102A CRF102B CRF102C	Quantity:	5 µg 20 µg 1 mg
Alternate Names:	Fms-related Tyrosine Kinase 1, FLT1, FLT		
Gene ID:	2321		
Protein Accession No:	P17948		
Description:	Recombinant human soluble VEGFR1 Domain 1-5 is produced as a glycosylated monomeric protein. The soluble receptor protein contains only the first 5 extracellular domains (Met1-Asn562), which contain all the information necessary for high affinity ligand binding.		
Source:	Insect cells		
Molecular Weight:	72 kDa		
Formulation:	Lyophilized without additives		
Purity:	>90% as determined by SDS PAGE and visualized by silver stain		
Endotoxin Level:	< 0.1 ng/mg of VEGFR1		
Biological Activity:	Determined by its ability to abolish the binding of iodinated VEGF to solid surfaces or cell surface receptors. The ED ₅₀ for this effect is typically 10.0-30.0 ng/ml. The usable range is 5-50 ng/ml.		
Reconstitution:	Centrifuge vial prior to opening. Soluble in water and most aqueous buffers. Add PBS or medium to the vial to fully solubilize the protein to a concentration not lower than 100 ng/ml.		
Storage & Stability:	Lyophilized protein is stable for 6 months at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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