

# Human FLT1 D4 Recombinant Protein



RPPB2528

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## Product Information    Protein Information

**Product SKU:**

RPPB2528

**Accession:**

P17948

**Host:**

Insect Cells.

**Protein description:**

Soluble FLT1 D1-4 Human Recombinant produced in baculovirus is monomeric, glycosylated, polypeptide containing 457 amino acids and having a molecular mass of 55 kDa. The soluble receptor protein contains only the first 4 extracellular domains, which contain all the information necessary for binding of VEGF. The VEGFR1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

FLT-1, FLT1, Tyrosine-protein kinase receptor FLT, Flt-1, Tyrosine-protein kinase FRT, Fms-like tyrosine kinase 1, VEGFR-1.

**Formulation:**

FLT1 D1-4 was lyophilized from a concentrated (1mg/ml) sterile solution containing no additives.

**Purity:**

Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized FLT1 D4 in sterile water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized FLT-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FLT1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

The activity of FLT1D1-4 was 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.