

FLT4, human recombinant protein
Vascular endothelial growth factor receptor 3, Fms-like tyrosine kinase 4,
Tyrosine-protein kinase r
Catalog # PBV10509r

Specification

FLT4, human recombinant protein - Product info

Primary Accession [P35916](#)
Calculated MW **120 kDa KDa**

FLT4, human recombinant protein - Additional Info

Gene ID **2324**
Gene Symbol **FLT4**

Other Names

Vascular endothelial growth factor receptor 3, Fms-like tyrosine kinase 4, Tyrosine-protein kinase receptor FLT4

Gene Source	Human
Source	Insect cells
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Results	8-500 ng/ml.

Application Notes

Reconstitute in sterile water to a concentration not less than 0.1 mg/ml. This solution can then be stored at 4°C for 2-7 days. For future use for future use; For long term storage it is recommended to add a carrier protein (0.1 % HSA or BSA) then store at -20°C. Avoid freeze-thaw cycles.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

FLT4, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FLT4, human recombinant protein - Images

FLT4, human recombinant protein - Background

The Flt-4 gene is widely expressed in the early embryo but becomes restricted to the lymphatic endothelial a latter stages of development. It is important for lymphangiogenesis. Both VEGF family members VEGF-C and VEGF-D have been shown to bind and activate VEGFR-3/FLT-4. Soluble FLT4 Human Recombinant fused with a carboxy-terminal 6X histidine-tag produced in baculovirus is a monomeric, glycosylated, polypeptide containing the extracellular part, 25-774 amino acids and having a total molecular mass of 120 kDa. The soluble receptor protein contains only the first 7 extracellular domains, which contain all the information necessary for ligand binding. The FLT4 is purified by proprietary chromatographic techniques.

FLT4, human recombinant protein - References

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