

Product datasheet for **DA3535X**

VEGFR-3 / Flt-4 (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	VEGFR-3 / Flt-4 (His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	Insect
Tag:	His-tag
Predicted MW:	120 kDa
Purity:	>90% by SDS-PAGE and visualised by silver stain
Buffer:	Presentation State: Purified State: Lyophilized without buffer and stabilizer.
Bioactivity:	Biological: Measured by its ability to bind recombinant rat VEGF-C in a functional solid phase binding assay. Immobilised recombinant human sVEGFR-3/FLT-4 at 5 µg/ml can bind recombinant rat VEGF-C in a linear range of 8-500 ng/ml.
Endotoxin:	< 0.1 ng per µg of sVEGFR-3
Reconstitution Method:	Restore in PBS or medium to a concentration not lower than 100 µg/ml.
Preparation:	Lyophilized without buffer and stabilizer.
Protein Description:	The recombinant mature sVEGFR-3/FLT-4 is a glycosylated monomeric protein with a mass of approximately 120 kDa. The soluble receptor protein consists of all 7 extracellular domains (Met1-Glu774).
Note:	Centrifuge vials before opening!
Storage:	Prior to and following reconstitution store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001341918
Locus ID:	2324
Cytogenetics:	5q35.3
Synonyms:	VEGFR3, FLT4, VEGF Receptor 3



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Summary: This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Focal adhesion