

Recombinant Human sFlt-1

Catalog number	C-40-0030
Description	Recombinant human soluble FMS-like tyrosine kinase-1 (sFlt-1) with histidine tag. Predicted molecular weight: 83 kDa.
Product host	HEK293 cells
Product formulation	Liquid
Product buffer solution	10 mM phosphate buffer, pH 7.4, 0.8 % NaCl, 0.02% KCl.
Shelf life and storage	3 years, storage at -70 °C or below Repeated freeze/thaw cycles should be avoided.
Analyte description	sFlt-1 was originally found in human umbilical vein endothelial cells. It is a glycoprotein with tyrosine kinase activity, which is formed by different splicing of VEGFR-1 mRNA. It has 7 isoforms. Abnormally high expression of soluble isoforms (isoform 2, isoform 3 or isoform 4) may be a cause of preeclampsia. sFlt-1 is always used in combination with PlGF to determine the sFlt-1/PlGF ratio. The sFlt-1/PlGF ratio is intended for use as an aid in the diagnosis of preeclampsia in conjunction with other diagnostic and clinical information.
Product concentration	Lot-specific
Purity	>90%, SDS-PAGE
Antibodies tested	Anti-h sFlt-1 NA000401: + Anti-h sFlt-1 NA000402: + Anti-h sFlt-1 NA000403: + Anti-h sFlt-1 NA000404: +
Miscellaneous	N/A

