AVISCERA BIOSCIENCE

Product Information

Code	00114-05-50
Name	Soluble VEGF-RI (Human), Rec.
Lot No.	
Size	50 µg
Species	Human
Sequence	Ser27-Ala342
Protein ID	NP_002010
Gene ID	NM_002019
MW	110-120 KD (glycosylated)
Tag	His tag on C terminus
Source	Human cells
Purity	>96% in SDS-PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 100 µl
Application	ELISA
	Cell Biology

Human Soluble Vascular Endothelial Growth Factor Receptor 1 (VEGF-R1) Rec.

Alternative name(s): **Fms-like tyrosine kinase 1 (FLT-1)**

Description

A DNA sequence encoding the extracellular domain of human VEGF-R1/FLT-1 (Gln^{24}-Asn^{756}) with polyhistidine tag on the C-Terminus was expressed in human cells.

Formulation

Lyophilized 50 µg human soluble VEGF-R1/FLT-1 in 50 µl of 0.2 µm filtered solution in PBS. Carry free.

Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

Bioactivity

10-40 ng/ml (ED50). The bioactivity was measured to inhibit the VEGF-dependent proliferation of human umbilical vein endothelial cells.

Reconstitution & Storage

Add 100 µl PBS to the vial to prepare a working stock solution at 500 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at - 20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human VEGF-R1 (Ser27-Asn756)

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.