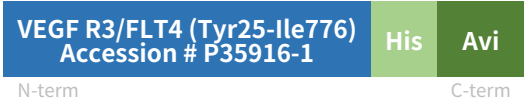


Rev06
Update: Aug,11,2025**DATASHEET**

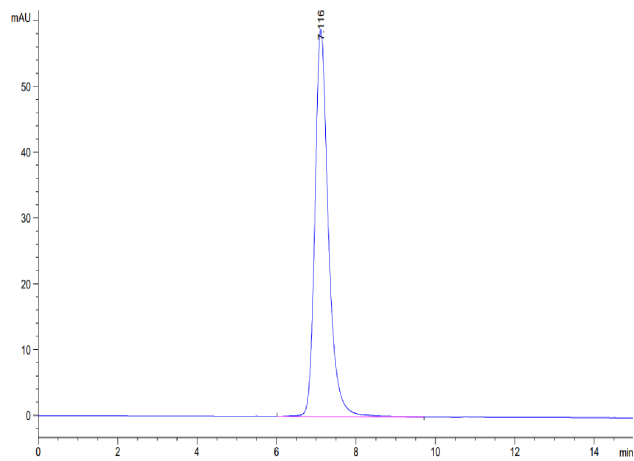
VEGF R3/FLT4, His&Avi, Human

Cat. No.: Z03967

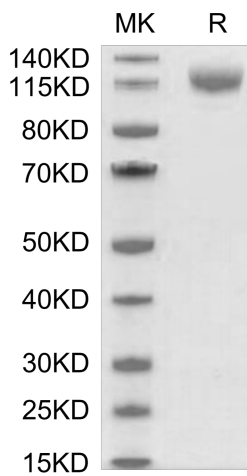
Product Introduction

Species	Human
Protein Construction	 <p>VEGF R3/FLT4 (Tyr25-Ile776) Accession # P35916-1</p> <p>N-term His Avi C-term</p>
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	87.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 110-130 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O more than 100 µg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

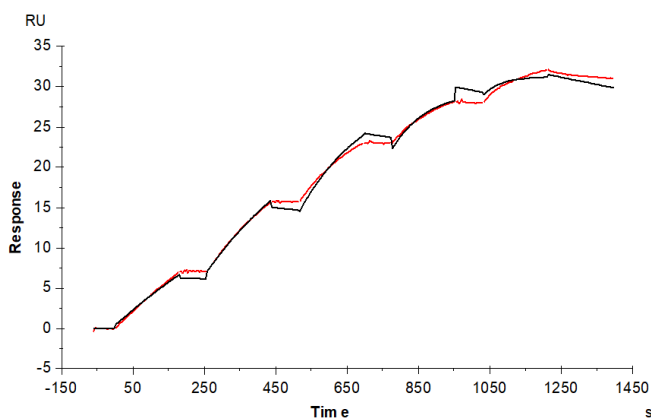
Examples



The purity of VEGF R3/FLT4, His & Avi, Human is greater than 95% as determined by SEC-HPLC.



VEGF R3/FLT4, His & Avi, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



VEGF R3/FLT4, His&Avi, Human, His Tag immobilized on CM5 Chip can bind Human VEGF-C, His Tag with an affinity constant of 0.29 nM as determined in SPR assay (Biacore T200).

Background

Target Background : Vascular endothelial growth factor receptor 3 (VEGFR3) is one kind of tyrosine-protein kinase. VEGFR3 acts as a cell-surface receptor for VEGFC and VEGFD. It is a key regulator of lymphatic system development and establishment. VEGFR3 plays important roles in angiogenesis. It is also up-regulated in the endothelium of blood vessels in breast cancer and various other tumors.

Synonyms : VEGFR-3; FLT-4; LMPH1A; PCLFLT41; VEGFR3; FLT-41; PCL

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China