

Recombinant Human

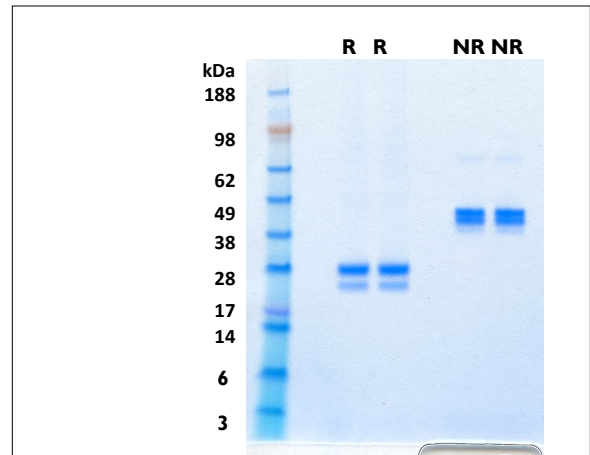
VEGF165

Product Description

- Endotoxin-free
- Animal-derived product free
- Authentic Glycosylated Homodimer

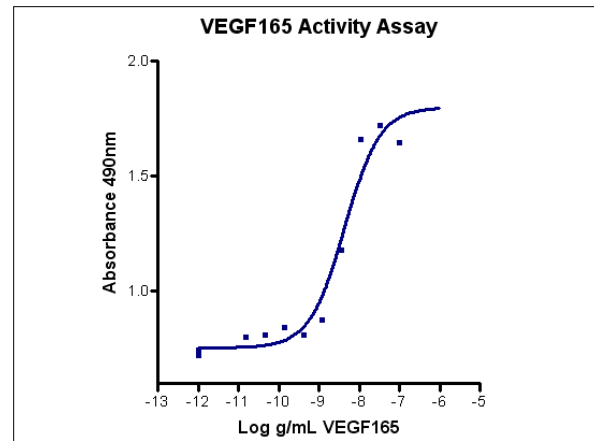
Xeno-free VEGF165 is expressed in human 293 cells as a homodimeric glycoprotein with an apparent molecular mass of 45 kDa. The E. coli expressed protein is a monomer-dimer mixture with a molecular mass 18 to 34 kDa. The cytokine is produced in a human cell expression system with serum free, chemically defined media.

XENO™ All HumaXpress® HumanKine™ cytokines are animal-component-free and Xeno-free™



Typical Specifications

Species Human
Expression H9? &-' Cell Expressed
Activity Typically ≤15 ng/mL EC₅₀
Purity >95%
Endotoxin 0%9 #±[
Molecular Mass 45 kDa, homodimer, glycosylated
Formulation 1x PBS



Purity Confirmation

The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of HUVEC cells (Human Umbilical Vein Endothelial Cells).

Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile %D6G containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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