

## Human VEGF165 protein (active)

## Cat. No. GTX29571-pro

<b>Applications</b>	Functional Assay
<b>Species</b>	Human

## Package

10 µg

## PRODUCT

## Summary

Vascular Endothelial Growth Factor Human Recombinant produced in E.Coli is a double, non-glycosylated, polypeptide chain containing 165 amino acids and having a molecular mass of 38.2 kDa.

## Applications

## Application Note

Determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 3.7-5.6 ng/ml, corresponding to a Specific Activity of 178,570-270,270IU/mg.

## Properties

<b>Form</b>	Lyophilized powder
<b>Buffer</b>	Reconstitute with ddH <sub>2</sub> O but not less than 100µg/ml. Lyophilized from 1.0mg/ml solution with no additives.
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
<b>Region/Sequence</b>	APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENPCGPC SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR
<b>Expression System</b>	E. coli
<b>Purity</b>	> 98% by SDS-PAGE and HPLC.
<b>Endotoxin</b>	< 1 EU/µg
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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