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AJINOMOTO

StemFit Purotein

Product Information: Recombinant Human VEGF 165, 10µg

1. Introduction

VEGF (Vascular Endothelial Growth Factor) is a protein that plays an important role in angiogenesis, the formation of new blood vessels. It is secreted by cells as a signal to nearby cells to stimulate the growth of new blood vessels. VEGF also plays an important role in other physiological processes such as wound healing, embryonic development, and regulating the permeability of blood vessels. In addition, VEGF has been shown to be involved in the progression of many diseases, such as cancer, diabetic retinopathy, and cardiovascular diseases. Recombinant Human VEGF165 is a 38.2 kDa, disulfide-linked homodimeric protein consisting of two 165 amino acid polypeptide chains.

Source: *Corynebacterium glutamicum*

Amino Acids Sequence:

APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DEIEYIFKPS CVPLMRCGGC
CNDEGLECVP TEESNITMQI MRIKPHQGQH IGEMSFLQHN KCECRPKKDR ARQENPCGPC
SERRKHLFVQ DPQTCKCSCK NTDSRCKARQ LELNERTCRC DKPRR

2. Materials Provided

Component	Volume	Storage
Recombinant Human VEGF 165, 10µg (0.1 mg/ml)	100 µl	Store at -80℃

3. Preparation for Use

Recombinant Human VEGF 165 is provided frozen and can be stored at -80℃ until use. Before use, this frozen product should be thawed on ice. Avoid repeated freeze-thaw cycles.

4. Precaution and Disclaimer

Recombinant Human VEGF 165 is for research use only and is not for diagnostic use, therapeutic use (including clinical research), or as a food. VEGF 165 is dissolved in 20 mM citric acid containing 20 mM GSSG (0.2 µm filtered).

For Research Use Only. Not Intended for Human or Animal Diagnostic or Therapeutic Uses

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