
Product Datasheet

Human VEGF165 (rHuVEGF165) (orb1495018)

Description

VEGF is a potent growth and angiogenic

survival of endothe...

Endotoxins

Less than 1EU/mg of rHuVEGF165 as determined by LAL method.

Preservatives

Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Note

For research use only

Application notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

Protein Sequence

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

Source

Escherichia coli.

MW

Recombinant human VEGF165 is a 38.2 kDa disulfide-linked homodimeric protein consisting of two 165 amino acid polypeptide chains.

Expiration Date

6 months from date of receipt.