

Recombinant Human EG-VEGF

CATALOG #:

4571-10	10 µg
4571-50	50 µg
4571-1000	1 mg

LOT #: _____

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg.

FORM: Lyophilized from a 0.2 µm filtered solution in PBS

SOURCE:

A DNA sequence encoding the human EG-VEGF precursor, Met-1 – Phe 105 was fused with a 6X histidine tag at the C-terminus and expressed in a mouse myeloma cell line.

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in sterile PBS to a concentration of 0.1-1.0 mg/ml containing 0.1% BSA. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C Stable for up to 1 year. Reconstituted EG-VEGF should be stored in working aliquots at -20°C, stable for up to 3 months. Avoid freeze/thaw cycles.

DESCRIPTION:

Human EG-VEGF (Endocrine-gland-derived vascular endothelial growth factor) induces proliferation, migration and fenestration in capillary endothelial cells derived from endocrine glands. Recombinant EG-VEGF has a calculated molecular mass of approximately 9.5 kDa protein consisting of 86 amino acid residues.

BIOLOGICAL ACTIVITY:

Determined by the dose-dependent stimulation of the proliferation of HUVEC using a concentration range of 1-5 ng/ml.

USAGE: For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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