

Active Recombinant Human PROK1

Cat. No. PROK1-8458H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant EG-VEGF has a calculated molecular mass of approximately 9.5 kDa protein consisting of 86 amino acid residues, and was expressed in Mouse Myeloma Cells.
Species	Human
Source	Mammalian Cells
Description	Human EG-VEGF (Endocrine-gland-derived Vascular endothelial growth factor) induces proliferation, migration and fenestration in capillary endothelial cells derived from endocrine glands.
Form	Lyophilized from a 0.2 µm filtered solution in PBS
Bio-activity	Test in process
Molecular Mass	9.5 kDa
Endotoxin	<0.1>
Purity	≥98% by SDS - PAGE; ≥98% by HPLC
Storage	-20°C
Reconstitution	Reconstitute in sterile PBS to a concentration of 0.1-1.0 mg/ml containing 0.1% BSA.

 Tel: 1-631-559-9269 1-516-512-3133

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This solution can then be diluted into other aqueous buffers

Shipping Blue ice

GENE INFORMATION

Gene Name [PROK1 prokineticin 1 \[Homo sapiens \]](#)

Official Symbol PROK1

Synonyms PROK1; prokineticin 1; prokineticin-1; black mamba toxin related protein; EGVEGF; mambakine; PK1; PRK1; EG-VEGF; black mamba toxin-related protein; endocrine-gland-derived vascular endothelial growth factor;

Gene ID [84432](#)

mRNA Refseq [NM_032414](#)

Protein Refseq [NP_115790](#)

MIM [606233](#)

UniProt ID [P58294](#)

Chromosome Location 1p21

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction,

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organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

Function

growth factor activity;

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