

# Recombinant Human Prokineticin 1

Cat. No. PROK1-335H Lot. No. (See product label)

## SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	Endocrine Gland-Derived Vascular Endothelial Growth Factor (EG-VEGF) or Prokineticin-1 (PK-1) is a novel secreted protein expressed in various tissues including steroidogenic glands. Although structurally non-related to VEGF, EG-VEGF/PK-1 was shown to promote angiogenesis acting via two G-protein coupled receptors (PK-R1 and PK-R2).
<b>Molecular Weight</b>	The predicted molecular weight of Recombinant Human EG-VEGF is Mr 10.5 kDa.
<b>State Of Matter</b>	Lyophilized.
<b>Purity</b>	>97% by SDS Page and analyzed by silver stain.
<b>Endotoxin</b>	<1.0 EU/g as determined by the LAL method.
<b>Storage And Stability</b>	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer.

## GENE INFORMATION

<b>Gene Name</b>	PROK1 prokineticin 1 [ Homo sapiens ]
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<b>Synonyms</b>	PROK1; prokineticin 1; PK1; PRK1; EGVEGF; EG-VEGF; PK1; Mambakine; OTTHUMP00000013289; PRK1; mambakine; Endocrine-gland-derived vascular endothelial growth factor; prokineticin 1; black mamba toxin-related protein; PROK1
<b>Gene ID</b>	<a href="#">84432</a>
<b>mRNA Refseq</b>	<a href="#">NM_032414</a>
<b>Protein Refseq</b>	<a href="#">NP_115790</a>
<b>MIM</b>	<a href="#">606233</a>
<b>UniProt ID</b>	<a href="#">P58294</a>
<b>Chromosome Location</b>	1p21
<b>Function</b>	growth factor activity

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