Recombinant Human Prokineticin 1

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

SPECIFICATION

Product Overview	
Species	Human
Source	Mammalian Cells
Description	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).
Molecular Weight	The predicted molecular weight of Recombinant Human EG-VEGF is Mr 10.5 kDa.
State Of Matter	Lyophilized.
Purity	>97% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/μg as determined by the LAL method.
Storage And Stability	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	PROK1 prokineticin 1 [Homo sapiens]
Synonyms	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
Gene ID	84432
mRNA Refseq	NM_032414
Protein Refseq	NP_115790
MIM	606233
UniProt ID	P58294
Chromosome Location	1p21
Function	growth factor activity

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