

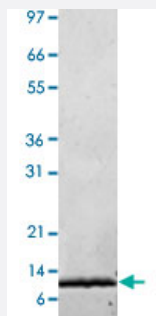
Bioactive

PROK1 (Human) Recombinant Protein

Catalog # P4380

Size 20 ug

Applications



Reducing conditions

Specification

Product Description	Human PROK1 (P58294) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	AVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKVPFFRKRKHHTCPCLPN LLCSRFPDGRYRCSMDLKNINF
Host	Escherichia coli
Theoretical MW (kDa)	9.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent proliferation of MIA PaCa-2 cells and is typically 1-4 ug/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Reducing conditions
Storage Buffer	No additive

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with sterilized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — PROK1

Entrez GeneID [84432](#)

Protein Accession# [P58294](#)

Gene Name PROK1

Gene Alias EGVEGF, PK1, PRK1

Gene Description prokineticin 1

Omim ID [606233](#)

Gene Ontology [Hyperlink](#)

Gene Summary Endocrine gland-derived vascular endothelial growth factor (EG-VEGF) induces proliferation, migration, and fenestration in capillary endothelial cells derived from endocrine glands. Its expression is induced by hypoxia and is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta). Its expression is often complementary to the expression of VEGF (MIM 192240), suggesting that these molecules function in a coordinated manner.[supplied by OMIM]

Other Designations OTTHUMP00000013289|black mamba toxin-related protein|mambakine

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)