

Bioactive

PROK1 (Human) Recombinant Protein

Catalog # P8542 Size 20 ug

Specification

Product Description	Human PROK1 (P58294) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	AVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGSHKVPFFRKRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF.
Host	Escherichia coli
Theoretical MW (kDa)	9.699999999999999
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Activity	The activity as determined by the dose-dependent proliferation of MIA PaCa-2 cells is typically 1-4 ug/mL.
Storage Buffer	Lyophilized from 0.1% Trifluoroacetic Acid (TFA).
Storage Instruction	Lyophilized EG-VEGF Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EG-VEGF should be stored at 4°C between 2-7 days and for future use below -18°C.

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

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