

Datasheet for ABIN935328 **Prokineticin 1 Protein (Prok1)**



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Overview

Quantity:	20 µg
Target:	Prokineticin 1 (Prok1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Human EG VEGF protein Expression System: E.coli
Purity:	> 97 % pure

Target Details

Target:	Prokineticin 1 (Prok1)
Alternative Name:	EG VEGF (Prok1 Products)

Background: 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. EG-VEGF potently contracts gastrointestinal (gi) smooth muscle. Induces proliferation, migration and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. Has little or no effect on a variety of other endothelial and non-endothelial cell

Target Details

types.

Alternative Names: PK1 protein, Endocrine Gland-derived Vascular Endothelial Growth Factor protein, PRK1 protein, EG-VEGF protein, Prokineticin 1 protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in distilled water to a concentration > 0.1 mg/mL.

Buffer: Supplied lyophilized from a concentrated (1 mg/mL) solution, with no additives.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C